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METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER, 1882.

DANGERFIELD, LITH 22, BEDFORD ST COVENT GARDEN 3383.

Soc. Reg. Lond.

Dangerfield Lith. London 2315

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DECR 31ST 1882.

DAILY WEATHER REPORT

FOR

TUESDAY 1st AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. **LONDON.**

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter*
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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield Lith. 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 1st August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

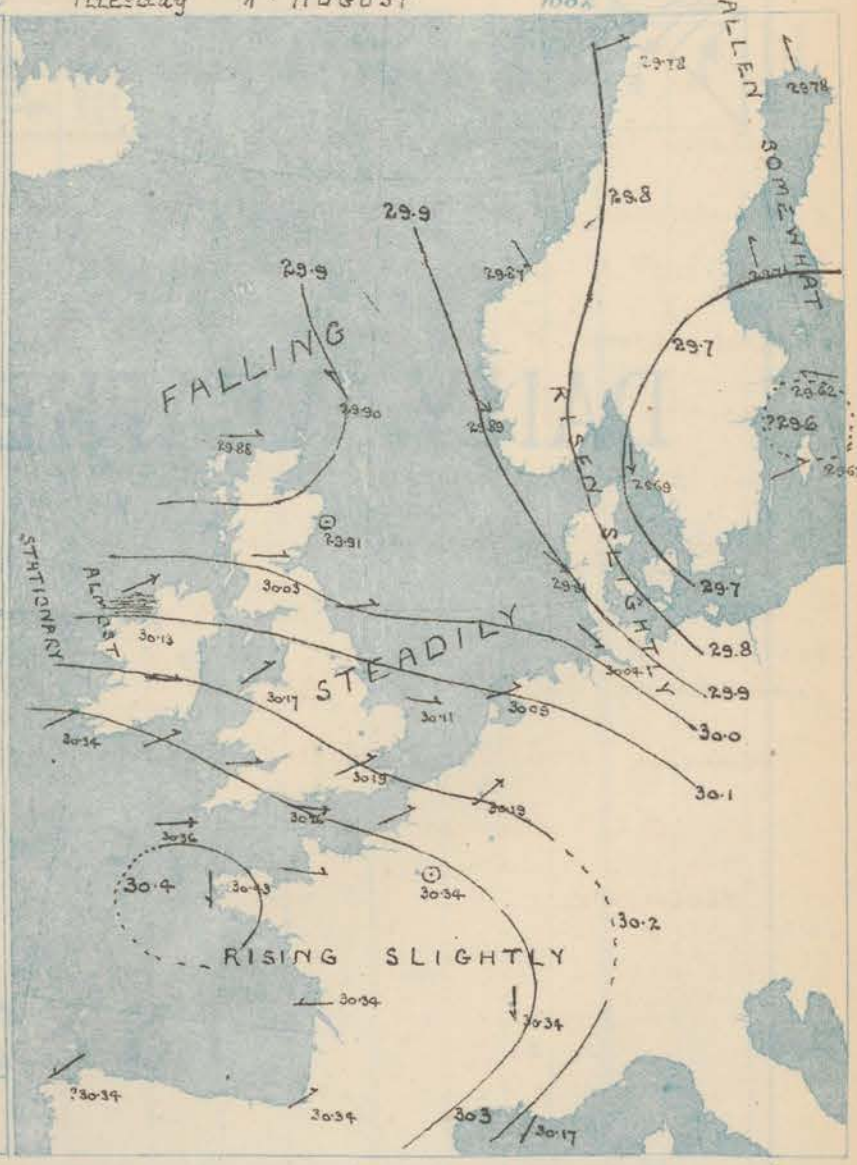
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
⟶ - forces above 10; ⟶ - forces 8 to 10
⟶ - forces 5 to 7; ⟶ - forces 1 to 4;
⊙ - dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings
	Ins
Nairn	29 . 853
Aberdeen	29 . 863
Leith	29 . 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 . 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* *These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

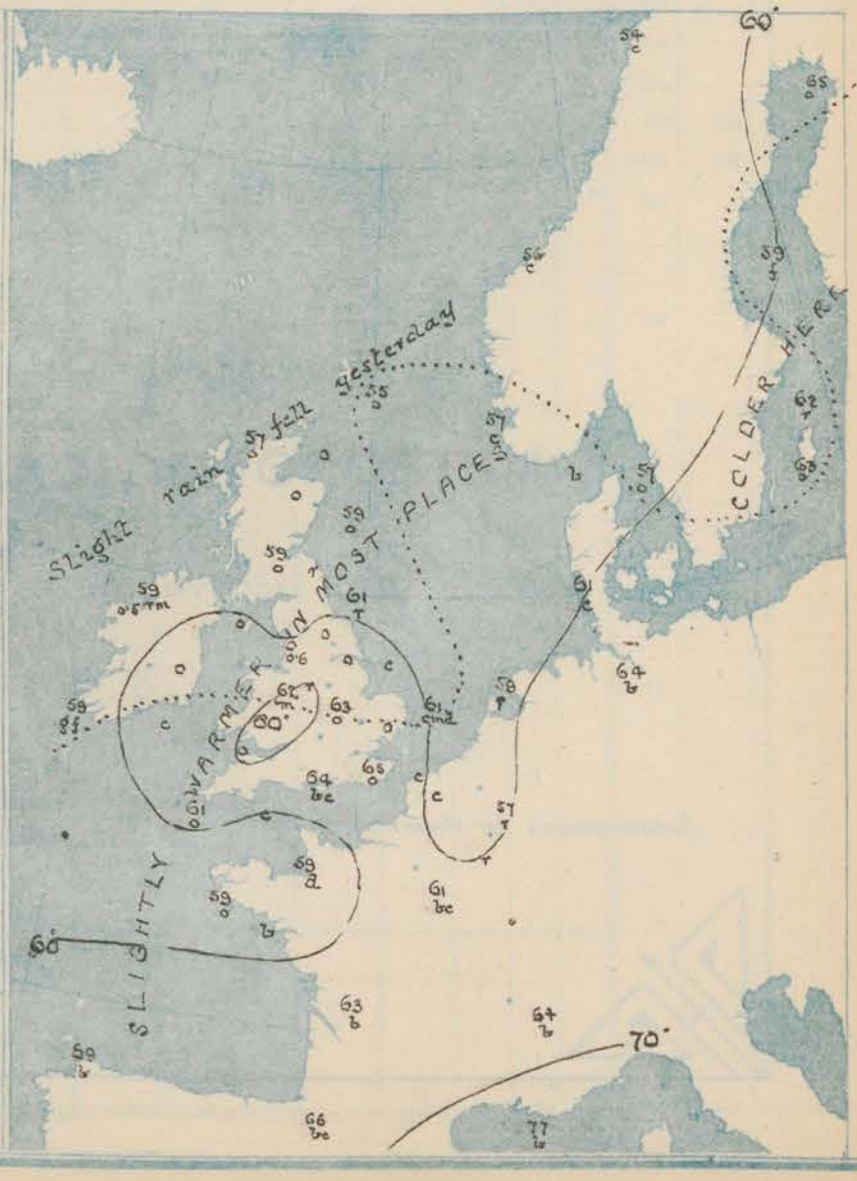
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* *The mean Temperatures are those for the 13 years 1857–69, the mean amounts of Rain are those for the 10 years 1866 to 1875.*



REMARKS

for TUESDAY 1st AUGUST 1882 at 8 a.m.

In the course of the past 24 hours the barometer has fallen generally, and a large but shallow depression has appeared over the N coasts of Scotland. In its rear the mercury is inclined to rise a little. The winds are still WNW on the Eastern shores of the N. Sea, but in our Islands they have become W; in force they are generally moderate. The weather is fine over the greater part of France, but has become cloudy elsewhere, and rain is falling at many of our northern stations. During yesterday rain fell on all our W and NW coasts. Temperature has risen a little in most places, and ranges from 65° at Cambridge and in London to 55° in the Shetlands. The highest maxima registered yesterday were 70° at Oxford, and 71° in London and at Hurst Castle.

The sea is rather rough at Mullaghmore, slight or smooth elsewhere

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

2nd AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W to NW winds, light or moderate; cloudy and unsettled to fair	6 SCOTLAND WEST	W winds, light; cloudy.
2 SCOTLAND EAST	------- D° ------- D° ------- D° -------	7 ENGLAND N.W.	W winds, light or moderate; dull to fair
3 ENGLAND N.E.	------- D° ------- D° ------- D° -------	8 ENGLAND S.W.	W winds, light; fair generally
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 7
5 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	Same as No 8
6 ENGLAND SOUTH	Wind veering to NW, light or moderate; cloudy with slight rain to fair	WARNINGS	NONE ISSUED

Harrison & Sons, Printers, St. Martin's Lane, London

METEOROLOGICAL OBSERVATIONS FOR 1st AUGUST 1882.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 2 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 3 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·74	69	SE	4	o	29·78	— ·19	65	63	+ 1	S	2	o	*	77	59	0·08
Hernösand	29·71	62	Z	o	f	29·71	— ·11	59	58	— 3	S	2	f	*	70	54	—
Stockholm ...	29·71	64	S	2	o	29·62	— ·12	62	60	— 11	ESE	2	r	*	79	63	0·04
Wisby	29·69	63	S	2	o	29·62	— ·11	63	59	— 7	WSW	4	o	*	75	61	0·04
Bodö	29·78	55	Z	o	o	29·78	— ·04	54	51	— 1	WSW	2	c	2	57	52	0·35
Christiansund...	29·89	55	WNW	2	c	29·87	+ ·01	56	51	+ 2	NW	1	c	2	57	?50	0·16
‡Skudesnaes ...	29·93	56	NW	6	bc	29·89	·00	57	53	— 2	NW	6	c	4	59	55	—
Oxö (Christiansund) ...	29·72	63	WNW	6	c	29·73	+ ·03	60	53	+ 1	WNW	6	b	2	64	52	—
Skagen (The Skaw)	29·61	57	NNW	7	r	29·69	+ ·07	57	55	0	N	5	o	4	61	54	0·43
Fanö	29·95	55	WNW	7	c	29·91	+ ·09	61	55	+ 2	NW	6	c	*	63	55	—
Cuxhaven ...	30·05	?	NW	6	bc	30·04	+ ·18	64	60	+ 4	NW	4	b	*	?	55	0·02
‡Sumburgh Head	29·99	57	W	2	b	29·90	— ·07	55	54	— 1	SE	1	o	1	60	46	—
‡Stornoway ...	29·98	54	SSE	5	o	29·88	— ·20	57	57	+ 2	W	4	o	3	58	53	0·06
Wick	30·08	55	E	—		29·89	— ·19	55	55	+ 3	Z	o	o	1	65	53	0·01
Nairn ...	30·05	58	Z	o	o	29·90	— ·24	59	57	+ 2	Z	o	o	o	60	57	0·23
‡Aberdeen ...	30·09	59	S	1	c	29·91	— ·24	59	57	+ 1	Z	o	om	o	67	52	0·17
Leith	30·11	57	SW	1	o	29·96	— ·23	59	58	+ 2	SW	1	r	e	66	53	0·13
‡Shields	30·18	57	WNW	3	o	29·99	— ·22	61	60	+ 4	W	4	r	2	63	54	0·17
Spurn Head	30·21	59	WNW	3	o	30·05	— ·18	62	61	+ 6	W	5	c	2	63	55	0·09
York	30·24	57	W	1	r	30·06	— ·20	62	61	+ 4	W	4	o	*	66	53	0·24
Loughborough	30·24	62	W	2	o	30·14	— ·16	63	60	+ 4	W	2	og	*	66	57	0·03
‡Ardrossan ...	30·09	56	E	3	r	30·03	— ·18	59	59	+ 3	W	3	o	3	59	53	0·35
‡Mullaghmore ...	30·13	59	WSW	5	r	30·13	— ·10	59	59	+ 4	WSW	5	rg	5	61	54	0·54
Donaghadee ...	30·13	58	SW	5	o	30·09	— ·19	62	61	+ 7	W	4	o	2	62	54	0·21
Parsonstown ...	30·25	61	WSW	2	r	30·24	— ·09	61	60	+ 6	W	2	o	*	61	54	0·08
Barrow-in-Furness	30·18	59	SW	4	r	30·10	— ·14	60	59	+ 3	WSW	3	o	3	60	56	0·58
‡Holyhead ...	30·22	58	SSW	4	m	30·17	— ·15	62	62	+ 3	WSW	3	m	3	62	56	0·04
Liverpool (Bidston)	30·21	59	SW	1	r	30·13	— ·16	59	59	+ 1	W	5	r	2	61	57	0·30
‡Valencia	30·34	60	WSW	4	cmg	30·34	— ·02	59	59	+ 1	WSW	3	fg	4	61	57	0·09
Roche's Point...	30·33	63	WSW	3	c	30·29	— ·05	62	59	+ 4	WSW	3	c	3	65	56	—
Pembroke ...	30·31	58	WSW	4	c	30·25	— ·10	59	58	+ 1	W	4	o	3	63	57	—
‡Scilly	30·40	63	W	4	bc	30·36	— ·01	61	60	— 3	W	5	o	4	66	58	—
Prawle Point ...	30·38	60	WSW	4	b	30·33	— ·05	60	59	— 2	WSW	4	c	3	64	56	—
Hurst Castle ...	30·34	66	WNW	4	b	30·26	— ·08	64	62	+ 3	WNW	5	bc	3	71	59	—
‡Dover	30·28	67	E	1	bc	30·20	— ·07	63	60	+ 1	W	3	c	1	69	59	—
‡London ...	30·29	68	NW	2	c	30·19	— ·11	65	62	+ 6	WSW	3	o	*	71	59	—
Oxford	30·28	61	W	4	o	30·20	— ·13	63	61	+ 5	SW	2	o	*	70	58	—
Cambridge	30·26	64	W	1	o	30·14	— ·15	65	62	+ 6	SW	2	o	*	69	57	—
‡Yarmouth ...	30·25	63	Z	o	o	30·11	— ·13	61	60	+ 2	WNW	3	cmd	2	?64	56	0·02
The Helder ...	30·21	60	WNW	3	c	30·09	— ·04	59	57	— 1	WSW	3	r	2	63	?59	—
Cape Gris Nez	30·31	60	WSW	4	c	30·23	— ·03	*60	58	+ 2	WSW	4	c	3	68	55	0·04
‡Jersey	30·41	62	WNW	2	b	30·39	+ ·02	59	59	— 3	WNW	3	mfil	3	66	56	—
Brest	30·40	64	N	4	b	30·43	+ ·07	59	58	+ 1	N	3	o	2	64	52	—
Lorient	? 30·33	66	W	4	b	? 30·36	+ ·07	56	53	— 4	N	1	o	1	70	54	—
‡Rochefort ...	30·29	69	NW	5	b	30·34	+ ·05	63	60	+ 2	E	4	b	2	75	? 55	—
Biarritz	30·31	71	N	3	bc	30·34	+ ·02	66	64	0	SW	4	bc	2	73	61	—
Corunna	*	*	*	*	*	? 30·34	+ ·22	69	64	+ 3	NE	1	b	1	91	55	
Brussels	*	*	*	*	*	30·19	— ·03	57	56	— 3	SW	5	r	*	69	56	0·08
Chatterille ...	? 30·30	65	NNE	1	b	? 30·28	+ ·08	59	57	— 2	W	3	r	*	77	52	—
Paris	30·32	71	NNW	1	b	30·34	+ ·06	61	56	— 4	Z	o	bc	*	*	*	
Lyons	30·27	72	NNW	1	b	30·34	+ ·07	64	59	+ 6	N	1	b	*	76	59	—
Toulon	30·15	77	W	3	b	30·17	+ ·09	77	62	+ 6	NE	1	b	3	?	50	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·96	50	WSW	2	r	28·85	— ·17	56	56	+ 3	WSW	3	o	*	59	49	0·38

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·90	59	54	NW	8	c	0
Sumburgh Head	29·97	59	54	W	2	bc	2
Stornoway ...	30·04	58	55	S	4	o	4
Aberdeen ...	30·09	63	58	SSE	1	c	0
Shields	30·19	61	54	W	3	c	2
Ardrossan ...	30·17	56	55	SSW	3	o	3
Mullaghmore ...	30·12	59	58	SW	6	rg	5
Holyhead... ...	30·28	58	55	SSW	4	og	3

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Valencia ...	30·33	59	59	SW	5	ogmd	5
Scilly	30·40	65	61	WNW	2	b	2
Dover	30·30	66	61	WSW	3	cg	1
London ...	30·30	68	59	NW	3	b	*
Yarmouth ...	30·25	67	57	WNW	3	bc	2
Jersey... ...	30·41	65	58	NNW	2	b	3
Rochefort ...	30·30	73	67	NW	4	b	2
Ben Nevis 4406 ft 9 am 31st July	25·61	38	38	W	4	f	3g

MAX.	MIN	RAIN
35	31	0·12

The barometer is falling a little at all our more western and northern stations, but still rises in the SE. The winds have backed to the S. in Scotland and cloudy weather has extended to Holyhead and Aberdeen. The sea is smooth at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our inlands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY 2ND AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT
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WEATHER CHARTS

for 8 a.m. on Wednesday 8th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
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for the month of August.

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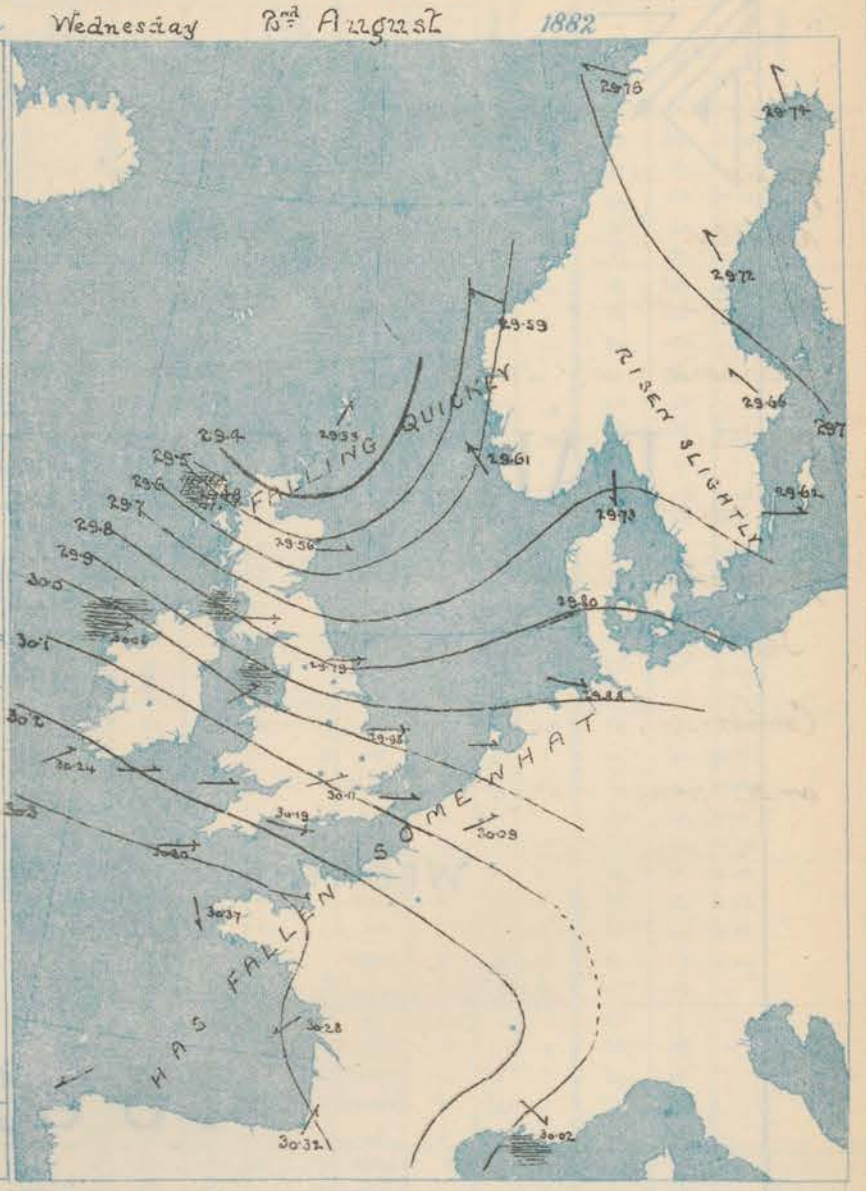

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

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Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

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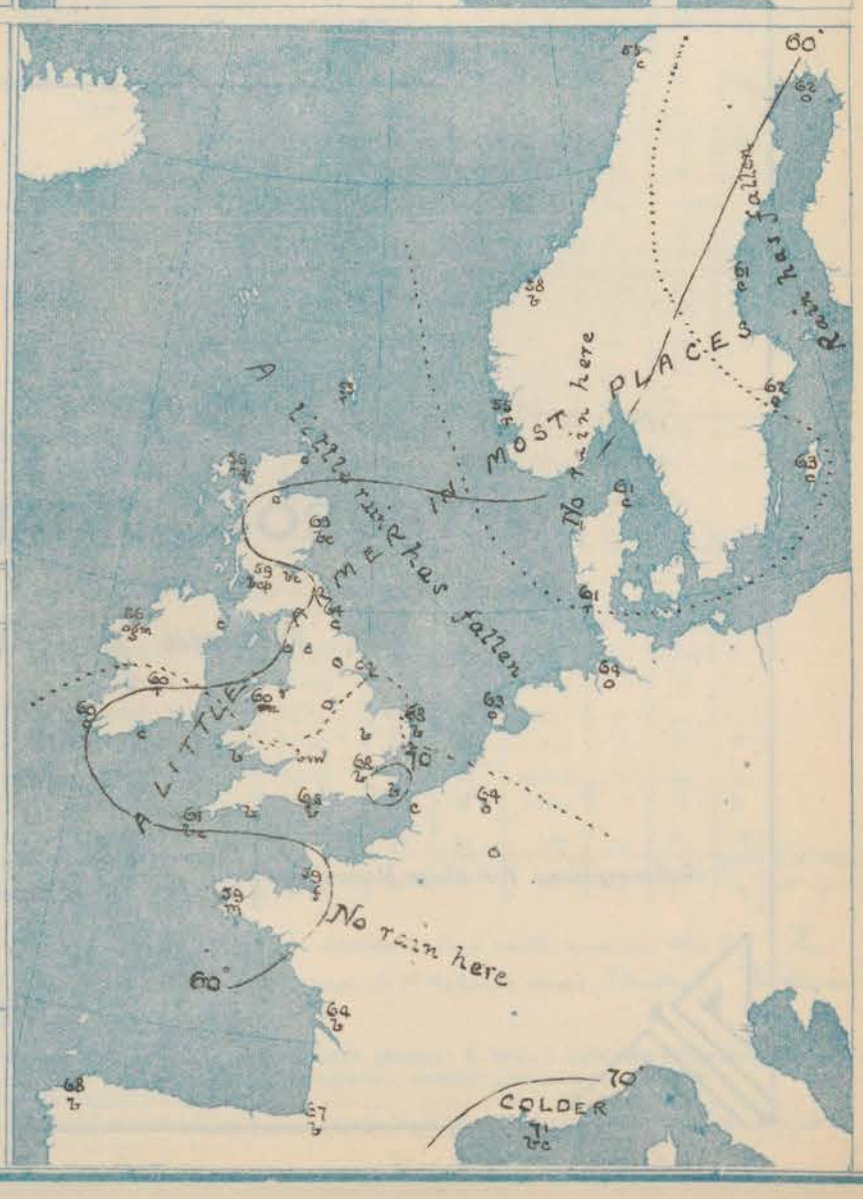

REMARKS

for WEDNESDAY 2nd AUGUST 1882 at 8 a.m.

In the course of the past night the depression over our northern coasts has grown much deeper, and very strong westerly winds with cloudy weather are reported from most of the northern stations. In the south, however, the weather is still under the influence of an anticyclone lying off our South-west coasts, and the winds are moderate in strength, while the sky has cleared, and temperature risen. In the South east of England the thermometer varies between 68° and 70° from which point temperature gradually decreases until it reaches a level of only 53° in the Shetlands. The highest maxima registered yesterday were 74° in London and at Cambridge, and 75° at Oxford. The sea is high at Stornoway and rough off our north west coasts, moderate or slight elsewhere

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

3rd AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	W.ly to NW.ly gales and strong winds; cloudy, unsettled, some rain.	6 SCOTLAND WEST	Same as No 0 to 2
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	W.ly winds, fresh or strong; cloudy and rainy to fair
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W.	W.ly winds, moderate and fresh; fair.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	W.ly to NW.ly winds, fresh or strong; cloudy and unsettled to fair.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	Same as No 8
5 ENGLAND SOUTH	W.ly to NW.ly winds, moderate and fresh; fair generally, warm	WARNINGS	The N Cone has been hoisted this morning in districts No 0 to 2

Frost & Reed, Printers, 17 Castle St. & 13 Cecil St. Strand, London

METEOROLOGICAL OBSERVATIONS FOR 2ND AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·77	63	S	2	bc	29·74	— ·04	62	61	— 3	S	2	o	*	70	54	0·20
Hernösand	29·80	58	Z	o	c	29·72	+ ·01	61	59	+ 2	SSE	4	c	*	66	55	0·04
Stockholm ...	29·67	60	SSE	2	r	29·66	+ ·04	62	58	0	SE	4	o	*	73	59	0·08
Wisby	29·64	58	SE	6	o	29·62	·00	63	59	0	W	4	c	*	70	57	—
Bodö	29·83	55	WSW	2	b	29·76	— ·02	55	52	+ 1	ESE	2	b	o	57	50	—
Christiansund...	29·86	57	NNE	3	b	29·59	— ·28	58	51	+ 2	ESE	4	b	2	61	48	—
‡Skudesnaes ...	29·86	55	NW	4	b	29·61	— ·28	55	53	— 2	SE	6	r	4	59	55	—
Oxö (Christiansund) ...	29·75	64	NNE	2	b	29·70	— ·03	62	58	+ 2	SSW	2	o	2	68	59	—
Skagen (The Skaw)	29·77	61	NNW	3	c	29·73	+ ·04	61	59	+ 4	N	2	b	1	66	55	—
Fanö ...	29·89	55	W	1	b	29·88	— ·11	61	60	0	WSW	2	r	*	64	52	—
Cuxhaven ..	29·99	?	WSW	3	r	29·88	— ·16	[illegible]	62	0	WNW	2	o	*	64	57	0·06
‡Sumburgh Head	29·77	57	SE	3	c	29·33	— ·57	53	53	— 2	SW	4	r	4	60	52	0·64
‡Stornoway ..	29·84	59	WSW	4	r	29·48	— ·40	58	56	— 1	WNW	8	rq	7	61	53	0·27
Wick	29·82	57	Z	o	m	29·37	— ·52	58	54	0	W	5	o	3	63	55	0·18
Nairn ...	29·88	62	WSW	2	d	29·48	— ·42	61	57	+ 2	WSW	6	o	3	66	56	0·02
‡Aberdeen ..	29·89	64	Z	o	o	29·56	— ·35	63	56	+ 4	W	4	bc	1	68	57	0·05
Leith	29·96	64	W	4	o	29·69	— ·27	59	54	0	W	7	bc	*	66	54	0·05
‡Shields	29·99	65	W	4	o	29·79	— ·20	64	58	+ 3	W	7	c	2	66	59	0·08
Spurn Head ..	30·02	64	W	5	c	29·91	— ·14	63	61	+ 1	WSW	7	cq	2	65	61	—
York	30·06	65	W	3	o	29·90	— ·16	63	60	+ 1	W	6	o	*	66	60	0·10
Loughborough	30·12	69	W	4	o	30·02	— ·12	65	61	+ 2	WSW	5	oq	*	72	60	—
‡Ardrossan ..	30·04	60	W	2	r	29·79	— ·24	59	57	0	W	7	bqp	5	60	55	0·25
‡Mullaghmore ...	30·15	60	WSW	5	omq	30·06	— ·07	56	53	— 3	WNW	7	omq	6	64	55	0·04
Donaghadee ...	30·08	65	SW	5	c	30·00	— ·09	58	54	— 4	WNW	5	c	3	66	59	0·01
Parsonstown ...	30·24	66	SW	1	o	30·13	— ·11	60	58	— 1	W	2	r	*	70	59	—
Barrow-in-Furness	30·09	61	WSW	3	o	29·96	— ·14	61	60	+ 1	WSW	6	o	5	62	59	0·10
‡Holyhead ...	30·18	65	WSW	3	og	30·07	— ·10	60	59	— 2	WSW	4	r	3	69	59	0·01
Liverpool (Bidston)	30·11	66	WSW	5	o	29·99	— ·14	61	60	+ 2	WSW	6	r	4	67	? 59	0·05
‡Valencia	30·34	65	W	3	c	30·24	— ·10	60	60	+ 1	WSW	4	omd	4	68	58	—
Roche's Point ...	30·31	70	NW	3	c	30·19	— ·10	65	62	+ 3	W	4	c	4	73	57	—
Pembroke ...	30·25	61	W	3	o	30·15	— ·10	61	59	+ 2	W	4	b	4	63	58	—
‡Scilly	30·35	61	W	5	cf	30·30	— ·05	61	60	0	W	5	bc	4	63	58	—
Prawle Point ..	30·30	62	WSW	4	bc	30·26	— ·07	62	60	+ 2	W	3	b	2	67	55	—
Hurst Castle ..	30·23	67	WNW	5	c	30·19	— ·07	65	61	+ 1	WNW	5	b	3	71	60	—
‡Dover ...	30·15	72	WSW	3	bc	30·11	— ·09	70	64	+ 7	W	3	b	2	73	62	—
‡London	30·16	72	WNW	3	o	30·11	— ·08	68	62	+ 3	WSW	4	b	*	74	58	—
Oxford	30·18	64	WSW	2	bc	30·10	— ·10	66	62	+ 3	SW	4	bmw	*	75	59	—
Cambridge ..	30·12	70	W	1	o	30·03	— ·11	68	63	+ 3	W	2	b	*	74	55	—
‡Yarmouth ...	30·09	65	WNW	3	omd	29·98	— ·13	68	63	+ 7	W	5	b	2	69	60	0·01
The Helder ...	30·02	62	WNW	2	r	29·95	— ·14	63	62	+ 4	W	3	o	2	63	57	0·16
Cape Gris Nez	30·27	64	WSW	5	o	? 30·15	— ·08	63	60	+ 3	W	5	c	3	66	59	—
‡Jersey	30·35	61	WNW	4	om	30·31	— ·05	59	59	0	WNW	3	f	3	64	57	0·01
Brest	30·43	60	NNW	3	c	30·37	— ·06	59	59	0	NNW	3	o	1	66	55	—
Lorient	? 30·33	64	NW	5	c	? 30·30	— ·06	59	57	+ 3	N	4	o	1	66	54	—
‡Rochefort ...	30·31	68	NW	5	bc	30·28	— ·06	64	63	+ 1	NE	3	b	2	75	57	—
Biarritz	30·36	71	N	3	bc	30·32	— ·02	67	64	+ 1	SW	3	b	1	73	59	—
Corunna	*	*	*	*	*	?	?	68	64	— 1	NE	1	b	3	82	57	—
Brussels	*	*	*	*	*	30·09	— ·10	64	63	+ 7	WSW	3	o	*	?	62	0·20
Charleville ...	? 30·20	62	WNW	7	r	? 30·15	— ·13	63	60	+ 6	W	4	o	*	66	55	0·04
Paris	30·27	69	W	4	c	?	?	66	61	+ 5	?	3	o	*	*	*	
Lyons	30·26	74	NW	1	b	30·27	— ·07	65	60	+ 1	NNW	3	c	*	77	59	—
Toulon	30·11	78	SW	5	bc	30·02	— ·15	71	59	— 6	NW	4	bc	5	86	68	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·85	59	SW	2	fr	28·67	— ·18	56	53	0	WSW	5	c	*	59	55	0·25

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·88	59	54	NW	6	c	3
Sumburgh Head	29·85	59	57	SE	3	bc	1
Stornoway ...	29·89	60	59	W	4	m	3
Aberdeen ...	29·90	63	61	S	1	dm	0
Shields	29·99	63	62	W	4	r	2
Ardrossan ...	30·04	60	60	W	3	o	3
Mullaghmore ...	30·16	60	59	W	5	omg	5
Holyhead	30·18	64	62	WSW	4	o	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·36	67	64	WSW	4	cm	5
Scilly	30·36	63	61	WNW	4	c	4
Dover	30·16	71	65	W	4	bc	
London ...	30·18	71	66	W	3	o	*
Yarmouth ...	30·09	67	64	WNW	3	cd	2
Jersey	30·37	61	60	W	4	o	4
Rochefort ...							
Ben Nevis 4406 ft. 9am on 1st	25·50	45	45	WNW	6	o	MAX 47, MIN 37, RAIN 1·08

The depression in the N. is moving slowly E.wds, and the barometer is rising slightly at all but our E. and SE. stations. The winds are very little changed, and the sky continues cloudy. The sea is slight both at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

THURSDAY 3RD AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10/- per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Thursday 3rd August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

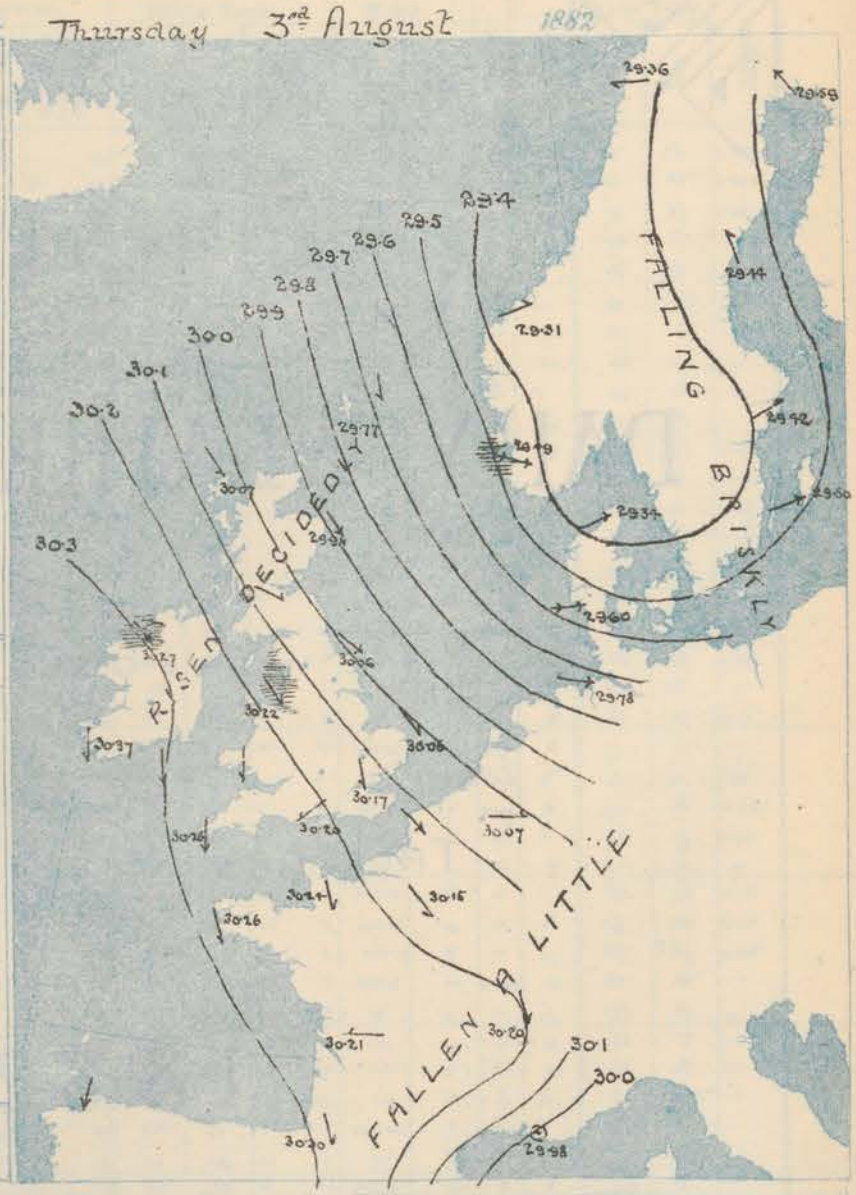
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

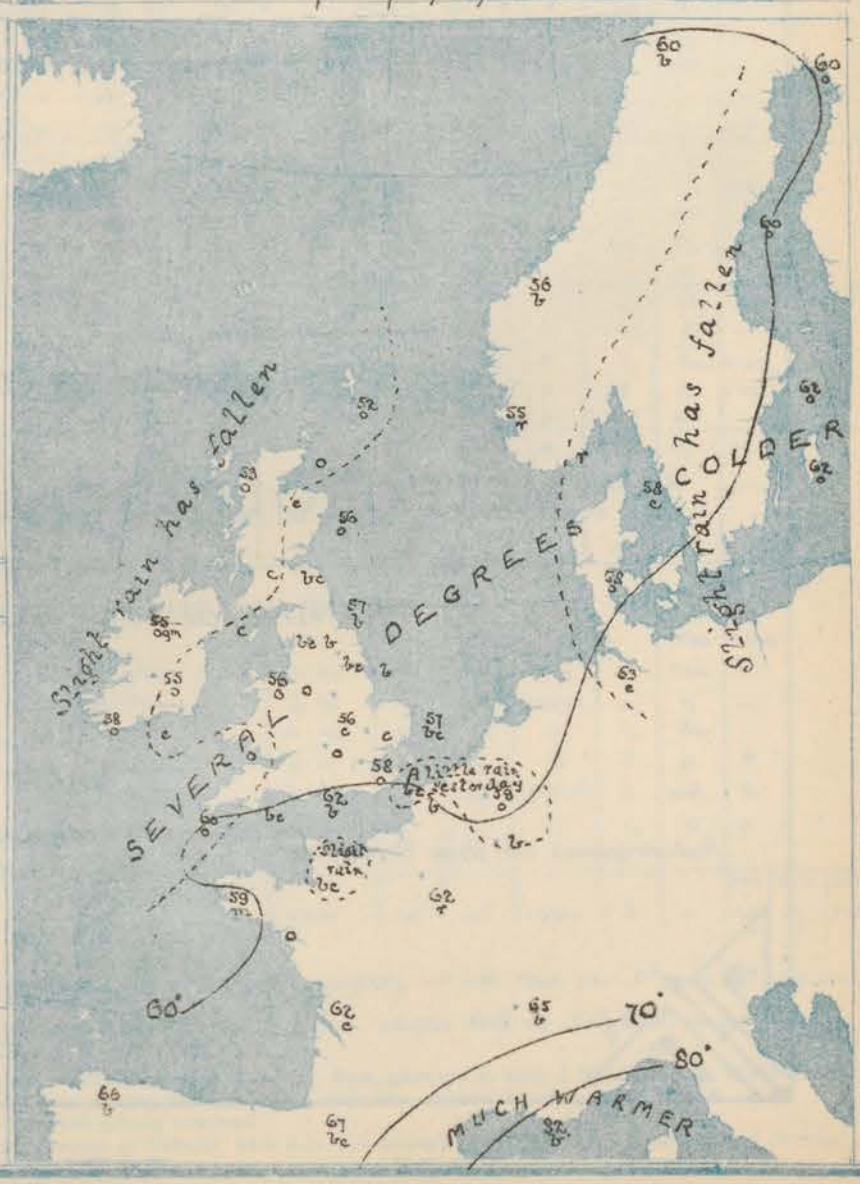
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.
Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall.
	°	ins
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.37
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for THURSDAY 3rd AUGUST 1882 at 8 a.m.

The deep depression which lay to the Nwd of Scotland yesterday has travelled away in an Ely direction, and is now found over the S. of Scandinavia. In its rear a brisk recovery of pressure has taken place and the winds have veered to the NWd, but in Denmark and Sweden the barometer is falling with breeze from W or SW. A fresh or strong NW. gale was felt in the E of Scotland yesterday, and the winds there are still strong, but in other places they are only moderate in force. The weather is fine on our E. and S. Coasts, cloudy elsewhere, with rain in the S. of Norway. Temperature has fallen generally, the change in the SE of England being as much as 10° or 11°, and readings range from 62° at Hurst Castle to 52° in the Shetlands. In London the thermometer rose to 78° yesterday but in other parts of England it did not exceed 73° or 74°. The sea is rough on our NW coasts, moderate or slight elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

4th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NWly winds, falling moderate and backing somewhat; fair generally.	6 SCOTLAND WEST	Wly winds, light; fine to cloudy
1 SCOTLAND EAST	------D°------D°------D°------	7 ENGLAND N.W.	NWly winds, falling light; fair generally.
2 ENGLAND N.E.	NWly winds, fresh to moderate; fine.	8. ENGLAND S.W.	Light Nly or variable breezes; fair.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	NWly backing to SWly or Sly breezes, light and moderate; fair to cloudy and unsettled.
4 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	------D°------D°------D°------
5 ENGLAND SOUTH	NWly and Nly winds, light or moderate; fair.	WARNINGS	The N. Cone which was hoisted in districts 0 to 2 and 6 yesterday morning was lowered in the evening.

Fredk Dangerfield, 12 Bedford St Covent Garden, London

METEOROLOGICAL OBSERVATIONS FOR 3RD AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29·69	60	—	0	0	29·59	− ·15	60	54	− 2	SE	6	0	*	63	55	—
Hernösand	29·54	59	SE	2	0	29·44	− ·28	60	59	− 1	SSE	2	0	*	70	57	0·12
Stockholm	29·55	61	SSW	2	0	29·42	− ·24	62	60	0	WSW	4	0	*	68	57	0·24
Wisby	29·63	63	SSW	6	0	29·50	− ·12	62	59	− 1	WSW	6	0	*	68	57	0·08
Bodö	29·49	61	ENE	2	bc	29·36	− ·40	60	55	+ 5	E	4	b	2	63	55	—
Christiansund	29·28	60	NNW	2	b	29·31	− ·28	56	54	− 2	WSW	4	0	3	64	54	—
‡Skudesnaes	29·34	56	W	4	c	29·49	− ·12	55	54	0	WNW	8	r	5	59	55	—
Oxö (Christiansund)	29·38	58	SW	8	b	29·32	− ·38	57	54	− 5	WSW	4	r	3	62	54	0·43
Skagen (The Skaw)	29·43	58	WSW	4	bc	29·34	− ·39	58	56	− 3	WSW	5	c	3	64	52	0·16
Fanö	29·61	60	W	6	c	29·60	− ·20	58	56	− 3	W	8	0	*	66	57	0·08
Cuxhaven	29·77	?	WNW	6	0	29·78	− ·10	63	60	− 1	WNW	6	c	*	64	57	0·02
‡Sumburgh Head	29·40	54	NNW	5	r	29·77	+ ·44	52	51	− 1	NNW	4	0	4	59	49	0·15
‡Stornoway	29·85	55	WNW	6	0	30·07	+ ·59	53	49	− 3	NW	4	0	4	58	50	0·02
Wick	29·67	54	NW	7	0	29·93	+ ·56	54	50	− 4	NW	6	0	4	59	49	0·05
Nairn	29·78	57	WNW	5	c	30·02	+ ·54	54	51	− 7	WNW	8	c	4	63	51	—
‡Aberdeen	29·72	61	NW	8	c	29·98	+ ·42	56	50	− 7	NW	6	c	2	67	51	—
Leith	29·85	64	W	7	b	30·05	+ ·36	55	50	− 4	W	1	bc	*	67	49	—
‡Shields	29·87	64	WNW	4	bc	30·06	+ ·27	57	51	− 7	NW	6	b	2	64	49	—
Spurn Head	29·90	62	WNW	7	c	30·06	+ ·15	55	54	− 5	NW	6	b	3	65	54	—
York	29·93	62	W	6	b	30·08	+ ·15	57	52	− 6	WNW	3	bc	*	68	44	—
Loughborough	30·01	63	WNW	6	b	30·15	+ ·13	56	51	− 9	WNW	3	c	*	70	52	—
‡Ardrossan	29·97	55	W	4	c	30·12	+ ·33	57	53	− 2	WNW	4	b	3	61	52	0·04
‡Mullaghmore	30·14	57	WNW	6	ogm	30·27	+ ·21	55	51	− 1	NW	5	ogm	5	59	54	0·03
Donaghadee	30·07	60	WNW	5	c	30·24	+ ·21	54	52	− 4	NW	4	c	2	63	52	—
Parsonstown	30·16	61	WNW	1	0	30·32	+ ·19	55	51	− 5	NW	1	0	*	67	52	—
Barrow-in-Furness	30·01	60	NW	5	bc	30·12	+ ·16	56	53	− 5	NW	5	bc	5	62	54	—
‡Holyhead	30·09	60	WNW	2	c	30·22	+ ·15	56	52	− 4	NW	4	0	4	66	54	0·02
Liverpool (Bidston)	30·04	61	W	5	b	30·16	+ ·17	56	52	− 5	WNW	5	0	5	63	55	—
‡Valencia	30·22	59	NW	3	og	30·37	+ ·13	58	57	− 2	N	2	0	2	62	54	0·07
Roche's Point	30·16	61	NW	4	c	30·30	+ ·11	57	53	− 8	N	4	c	3	67	52	—
Pembroke	30·12	60	W	3	c	30·26	+ ·11	56	52	− 5	N	2	c	1	62	53	0·02
‡Scilly	30·23	62	W	5	0	30·25	− ·04	60	57	− 1	N	5	c	4	64	57	0·01
Prawle Point	30·17	63	WSW	5	0	30·24	− ·02	60	57	− 2	N	1	bc	1	68	52	—
Hurst Castle	30·11	64	NW	4	c	30·20	+ ·01	62	57	− 3	NE	2	b	2	71	54	—
‡Dover	30·01	67	W	4	c	30·13	+ ·02	60	55	− 10	N	3	bc	1	72	55	0·02
‡London	30·04	67	WNW	5	cf	30·17	+ ·06	58	52	− 10	NNW	3	0	*	78	50	—
Oxford	30·07	62	W	2	b	30·18	+ ·08	56	52	− 10	NW	3	0	*	74	50	—
Cambridge	30·00	65	SW	2	b	30·13	+ ·10	57	53	− 11	NW	1	c	*	72	47	—
‡Yarmouth	29·93	68	WNW	6	b	30·06	+ ·08	57	53	− 11	NW	3	bc	3	73	51	—
The Helder																	
Cape Gris Nez	30·04	63	W	8	0	30·11	− ·04	58	55	− 5	NW	5	b	3	66	57	—
‡Jersey	30·25	63	W	4	b	30·24	− ·07	61	59	+ 2	NNW	3	bc	3	67	58	0·02
Brest	30·31	64	WNW	3	b	30·26	− ·11	59	59	0	NNW	3	m	3	66	55	—
Lorient	30·23	64	WNW	5	b	30·18	− ·12	62	61	+ 3	NNW	5	0	2	70	55	—
‡Rochefort	30·24	66	NW	5	bc	30·21	− ·07	62	?	− 2	E	1	c	1	70	55	—
Biarritz	30·28	71	N	3	bc	30·30	− ·02	67	62	0	NNW	3	bc	2	77	61	—
Corunna	*	*	*	*	*	?	?	66	63	− 2	NNE	7	b	5	77	59	—
Brussels	*	*	*	*	*	30·07	− ·02	59	56	− 5	W	3	0	*	75	56	0·28
Charleville	30·05	66	W	7	b	30·07	− ·08	63	57	0	NW	1	b	*	77	58	0·04
Paris	30·17	73	NW	3	b	30·15	?	62	60	− 4	NW	1	r	*	*	*	—
Lyons	30·17	75	N	1	b	30·20	− ·07	65	60	0	NNW	3	b	*	78	59	—
Toulon	30·02	79	W	1	0	29·98	− ·04	72	65	+ 11	E	0	b	1	88	70	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·73	55	WNW	4	0	28·89	+ ·22	52	48	− 4	WNW	2	b	*	58	46	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·42	59	56	SW	4	0	4
Sumburgh Head	29·34	59	55	W	2	c	3
Stornoway	29·77	59	54	WNW	7	c	7
Aberdeen	29·64	63	59	WNW	6	ogr	1
Shields	29·81	60	58	W	7	c	2
Ardrossan	29·88	59	58	W	7	c	5
Mullaghmore	30·11	59	54	WNW	6	omg	6
Holyhead	30·08	63	58	NNW	5	c	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30·23	60	60	W	3	omd	4
Scilly	30·28	64	62	W	5	bc	4
Dover	30·04	69	64	W	5	bc	4
London	30·04	75	68	W	3	0	*
Yarmouth	29·93	70	64	W	6	bq	2
Jersey	30·28	66	63	W	4	b	3
Rochefort	30·29	69	67	NW	4	0	2
Ben Nevis 4406 ft. 9 am on 2nd	25·24	41	41	SW	9	f	

MAX.	MIN.	RAIN.
49	38	1·71

The depression in the N. is moving away E.ly, and the barometer is rising at all our more N. stations, while the winds are veering round to NW. In the S. the mercury still falls. Cloudy weather has extended as far S. as London.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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Fredk Dangerfield Lith. 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Friday 4th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

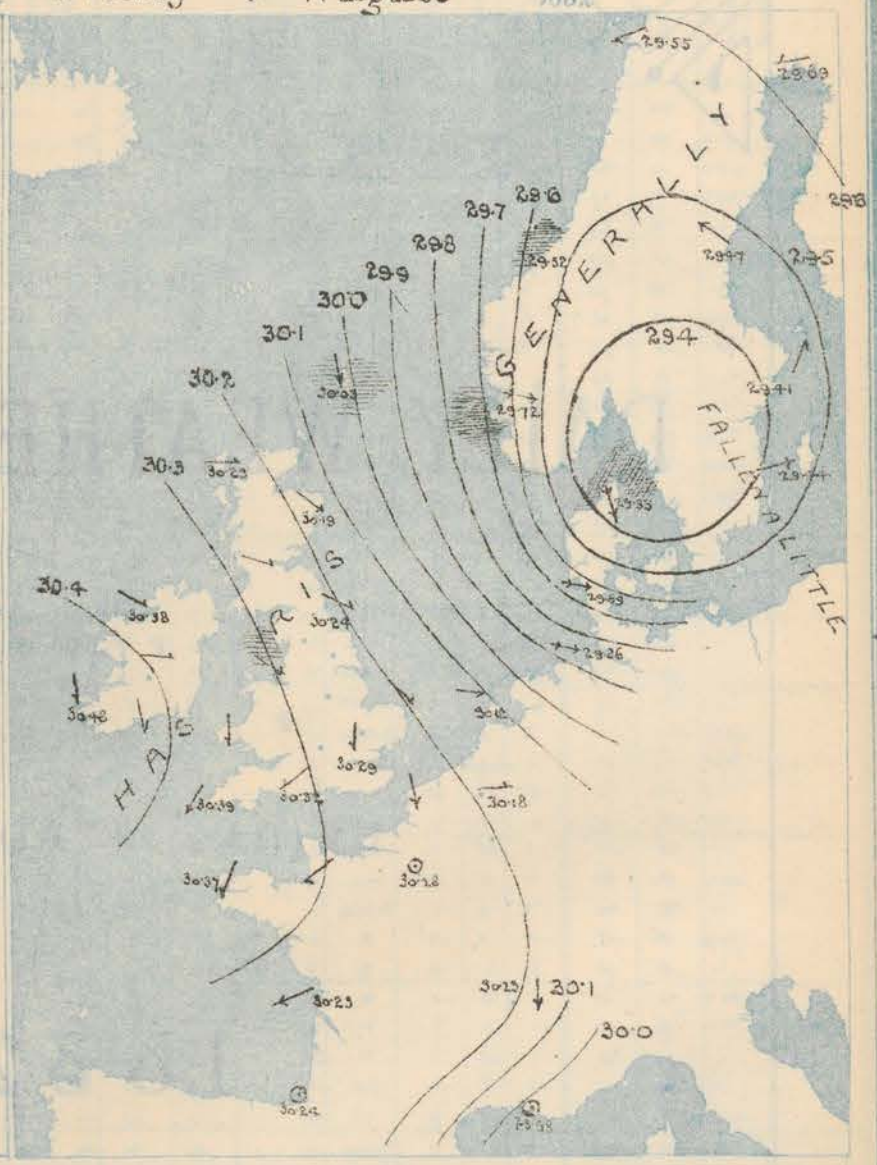
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4.
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings. Ins.
Nairn	29 . 853
Aberdeen	29 . 863
Leith	29 . 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 . 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

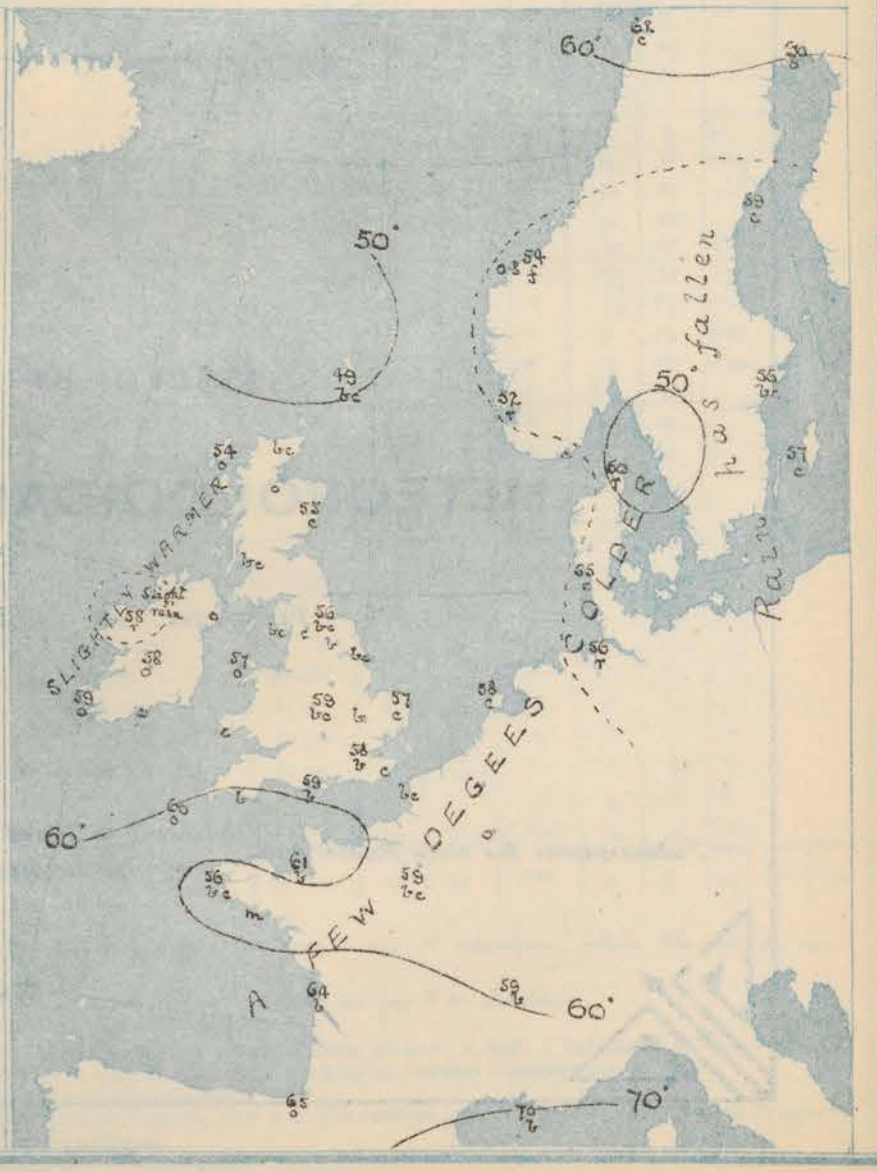
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valentia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY 4th AUGUST 1882 at 8 a.m.

The depression which lay over the south of Scandinavia yesterday has not changed its position much, but the recovery of pressure over our Islands has continued and readings in the south of Ireland now exceed 30.4 ins. Fresh WNW gales are reported from the E. shores of the North Sea but in the N. of our Islands the winds have decreased in strength NW. breezes prevail on all but our southern coasts, where they draw into N. or NE.

The weather is cloudy and rainy in Denmark and the S. of Norway, and overcast on our western coasts, but elsewhere the sky is moderately clear. Temperature has fallen a few degrees at the continental stations, but in our Islands there has been little change, and readings are low generally for the time of year. In London yesterday the thermometer only rose to 67° but at Hurst Castle it reached 69° and at York 70°. The sea is moderate or slight on our coasts

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

5th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW. to W. winds, moderate and fresh; fair generally	6 SCOTLAND WEST	W. winds, light or moderate; fair to cloudy
2 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Same as No. 2 to 4
2 ENGLAND N.E.	NW. winds, light or moderate; fair, warmer.	8 ENGLAND S.W.	Same as No. 5
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	W. winds, moderate; dull, slight rain.
4 MIDLAND COUNTIES	..... D° ..... D° ..... D°	10 IRELAND SOUTH	N. or variable airs; cloudy.
5 ENGLAND SOUTH	N. or NE. winds, light; fine generally	WARNINGS	NONE ISSUED

Strutt Dangerfield, 27 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 4TH AUGUST 1882

STATIONS.	Yesterday Evening. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. To Day. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	Past 24 Hours. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29·62	54	L	0	o	29·69	+ ·10	60	57	0	E	2	o	*	64	55	–
Hernösand	29·37	58	SE	6	o	29·47	+ ·03	57	58	– 1	SE	6	c	*	61	55	0·16
Stockholm	29·28	59	S	2	r	29·41	– ·01	56	51	– 6	SW	4	bc	*	70	?	0·32
Wisby	29·39	61	SW	6	r	29·44	– ·06	57	50	– 5	WSW	6	c	*	68	57	0·04
Bodö	29·60	64	ENE	2	c	29·55	+ ·19	62	58	+ 2	ENE	2	c	1	68	47	–
Christiansund	29·48	57	NSW	7	o	29·52	+ ·21	54	52	– 2	WSW	6	f	5	?	45	0·79
‡Skudesnaes	29·67	50	WNW	8	r	29·72	+ ·23	52	50	– 3	WNW	8	r	5	55	50	–
Christiansund	29·54	52	W	8	b	29·45	+ ·13	57	48	0	WNW	8	c	3	63	? 55	–
Skagen (The Skaw)	29·40	55	WNW	9	b	29·52	– ·01	50	50	– 8	NNW	8	r	7	66	48	0·28
Fanö	29·81	55	NNW	8	c	29·49	+ ·09	55	51	– 3	WNW	8	c	*	63	50	0·12
Cuxhaven	29·91	?	WNW	7	bc	29·56	+ ·08	56	54	– 7	NNW	8	rq	*	63	54	0·10
‡Sumburgh Head	29·93	50	NNW	6	bc	30·03	+ ·26	49	44	– 3	NNW	6	bc	6	55	47	–
‡Stornoway	30·20	55	NW	4	o	30·23	+ ·16	54	53	+ 1	W	4	o	3	59	48	–
Wick	30·11	52	N	5	c	30·17	+ ·24	55	50	+ 1	NNW	5	bc	4	58	45	–
Nairn	30·17	54	WNW	5	c	30·23	+ ·21	53	51	– 1	NW	1	o	2	66	48	–
‡Aberdeen	30·11	59	NNW	6	c	30·19	+ ·21	55	51	– 1	NW	5	r	2	60	45	–
Leith	30·15	61	WNW	4	bc	30·24	+ ·19	58	50	– 2	W	1	o	*	68	47	–
‡Shields	30·13	60	E	1	c	30·24	+ ·16	56	51	– 1	NW	3	bc	2	63	45	–
Spurn Head	30·16	58	S	2	b	30·23	+ ·17	55	53	– 3	NW	4	bc	4	62	50	–
York	30·16	65	W	3	b	30·27	+ ·19	56	51	– 1	W	3	b	*	70	46	–
Loughborough	30·22	60	WNW	5	b	30·29	+ ·14	59	53	+ 3	NW	3	bc	*	65	50	–
‡Ardrossan	30·22	57	WNW	3	c	30·28	+ ·16	55	54	– 2	WNW	4	bc	3	60	52	–
‡Mullaghmore	30·35	56	NW	5	o	30·38	+ ·11	58	57	+ 3	WNW	4	bd	4	58	54	0·02
Donaghadee	30·30	56	NNW	4	c	30·35	+ ·14	54	54	+ 2	NW	3	o	1	61	52	–
Parsonstown	30·38	60	NNW	1	o	30·43	+ ·11	58	53	+ 3	W	1	og	*	63	52	–
Barrow-in-Furness	30·21	60	NW	4	bc	30·27	+ ·15	56	54	0	W	4	bc	5	62	54	–
‡Holyhead	30·30	59	WNW	2	c	30·36	+ ·14	57	54	+ 1	NW	3	c	3	61	55	–
Liverpool (Bidston)	30·27	59	W	4	c	30·33	+ ·17	56	54	0	WNW	4	o	3	61	55	–
‡Valencia	30·40	58	NNW	4	bc	30·48	+ ·11	59	57	+ 1	NNW	1	sm	1	63	54	–
Roche's Point	30·36	60	NNW	4	b	30·42	+ ·12	58	54	+ 1	NNW	3	c	3	68	53	–
Pembroke	30·33	59	NW	2	bc	30·38	+ ·12	56	51	0	N	3	c	2	60	53	–
‡Scilly	30·34	59	N	5	bc	30·34	+ ·13	60	56	0	NNE	5	o	4	61	57	–
Prawle Point	30·29	63	N	1	b	30·36	+ ·12	62	57	+ 2	N	3	b	2	68	50	–
Hurst Castle	30·26	67	W	2	b	30·32	+ ·12	59	52	3	NE	3	b	2	69	49	–
‡Dover	30·20	64	NW	2	b	30·26	+ ·13	60	54	0	N	3	b	1	66	52	–
‡London	30·22	64	WNW	2	b	30·29	+ ·12	58	52	0	N	2	b	*	67	50	–
Oxford	30·26	59	NW	3	b	30·31	+ ·13	59	53	+ 1	NW	3	c	*	67	52	–
Cambridge	30·19	63	NW	1	b	30·27	+ ·14	57	52	0	NNW	1	b	*	68	48	–
‡Yarmouth	30·18	62	NNE	1	bc	30·21	+ ·15	59	54	0	NW	2	c	3	63	50	–
The Helder	30·13	58	NW	4	o	30·12		58	52		NW	5	c	3	61	57	–
Cape Gris Nez	30·21	64	W	1	b	30·23	+ ·12	55	53	– 3	NNW	5	c	3	68	54	–
‡Jersey	30·32	61	NNW	2	b	30·35	+ ·11	61	56	0	NE	3	bm	3	65	54	–
Brest	30·32	62	N	4	b	30·37	+ ·11	56	53	– 3	NNE	3	bc	1	66	56	–
Lorient	30·22	68	NW	4	b	30·28	+ ·10	55	54	7	NE	4	m	1	73	52	–
‡Rochefort	30·20	68	NW	5	o	30·23	+ ·02	64	59	+ 2	ENE	5	b	2	72	54	–
Biarritz	30·18	67	N	3	b	30·24	– ·06	65	63	– 2	Z	0	o	1	72	61	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·18	+ ·11	59	56	0	W	4	bc	*	64	53	–
Charleville	30·18	67	W	4	bc	30·20	+ ·13	63	58	– 10	NE	1	o	*	73	?	–
Paris	30·22	68	NNW	4	b	30·28	+ ·13	59	57	– 3	Z	0	bc	*	*	*	–
Lyons	30·17	67	NW	3	c	30·25	+ ·03	59	55	– 6	NE	5	b	*	74	54	–
Toulon	29·88	62	NW	8	b	29·98	·00	70	63	– 12	Z	0	b	0	80	66	–
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·96	58	NW	2	b	29·04	+ ·15	52	48	0	NNW	2	c	*	62	45	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·67	55	50	NW	9	bc	5	Valencia	30·42	62	59	NNW	3	bc	4
Sumburgh Head	29·88	53	50	NNW	5	bc	5	Scilly	30·34	61	56	N	5	c	4
Stornoway	30·13	56	51	NW	4	o	3	Dover	30·19	64	57	NW	3	bc	1
Aberdeen	30·08	60	53	NW	6	c	2	London	30·22	64	57	NW	3	c	*
Shields	30·12	58	56	E	2	c	2	Yarmouth	30·16	61	54	NNW	3	bc	4
Ardrossan	30·21	59	56	WNW	4	o	3	Jersey	30·30	62	57	NNW	3	c	3
Mullaghmore	30·33	57	53	WNW	5	og	4	Rochefort	30·23	70	67	NW	5	o	2
Holyhead	30·27	61	57	NW	3	c	3	Ben Nevis 4406 ft. 9 am 3rd Aug.	25·55	34	34	N	1	f	Max. 41, Min. 32, Rain 0·28

The barometer is still rising generally, and in the S. of Ireland is as high as 30·4 ins. NW. winds continue with fair weather. Sea is slight at Holyhead, smooth at Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY 5TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116 Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 22 Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on Saturday 5th August 1882

BAROMETER, WIND & SEA

Explanation of Map.

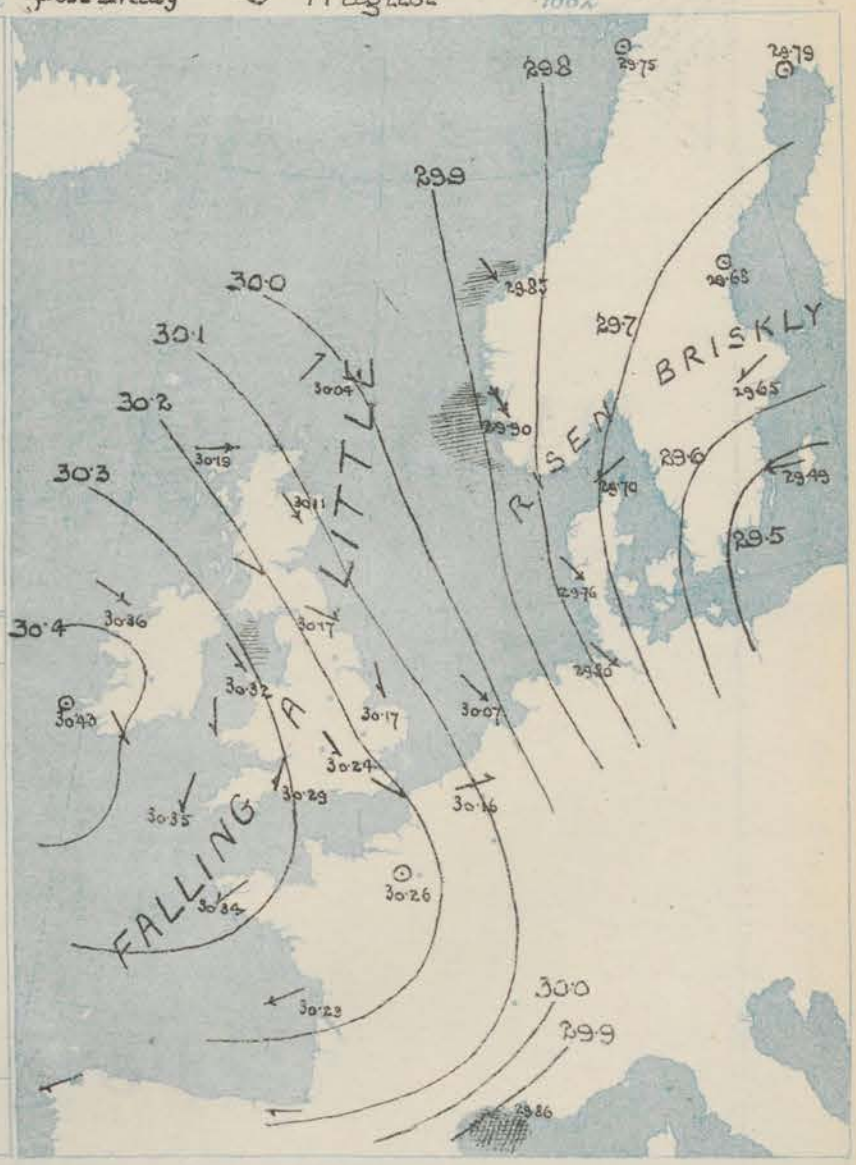
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
» — forces above 10; — forces 8 to 10
— forces 5 to 7; — forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

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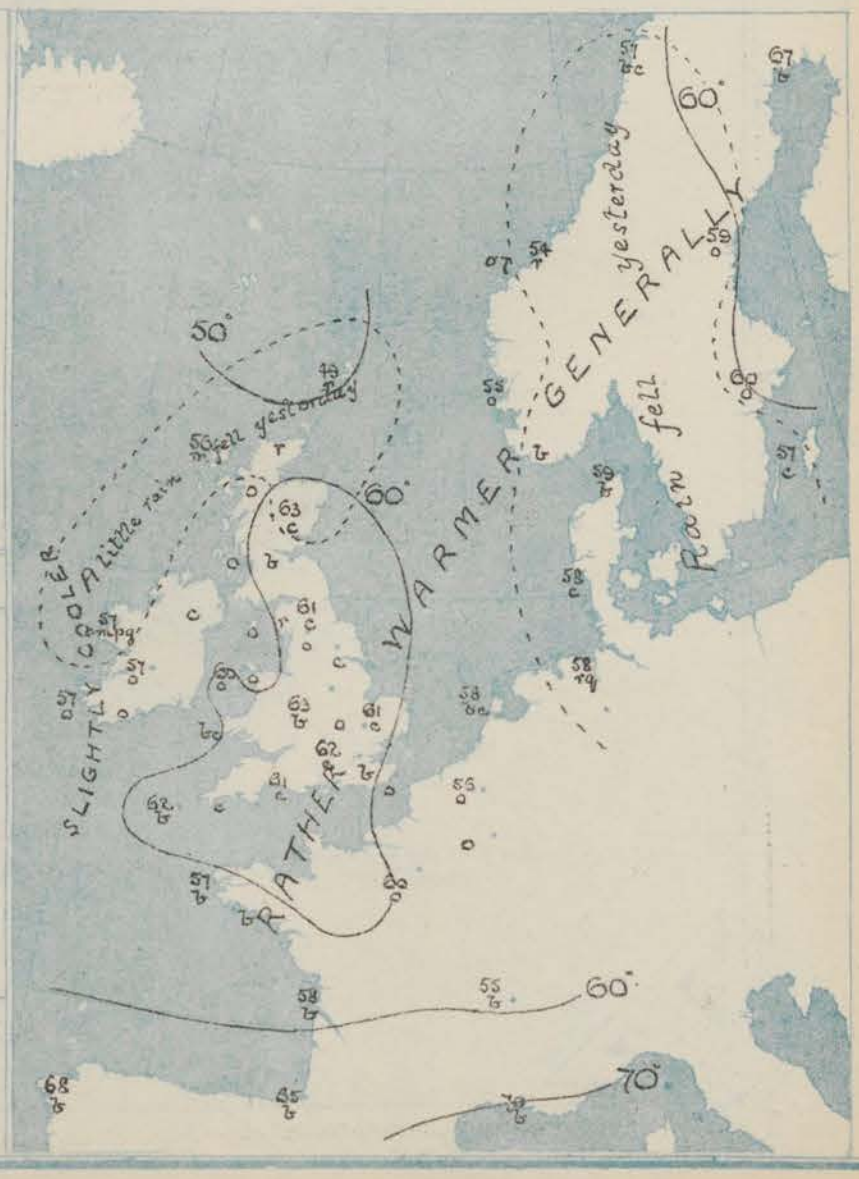
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.34
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY 5th AUGUST 1882 at 8 a.m.

The depression which lay over Scandinavia on Thursday and Friday has now moved away SE^ND and in its rear the barometer has risen briskly, but in our Islands a slight and tolerably uniform fall has occurred.

An anticyclone in which readings exceed 30.4 ins., still lies over the South of Ireland, and moderate NW^ly breezes prevail on all but our S^n coasts, where the wind draws into N or NE. Overcast weather continues in the N and N, and slight rain is falling in the N of Scotland, but on our Southern coasts the sky is only partially clouded. Temperature has risen at all but our N^n stations, and ranges from 63° at Aberdeen, Loughborough & Dover to 56° at Rocher Point and only 49° in the Shetlands. The highest maxima recorded yesterday were 71° at Hurst Castle, and 70° in London and at Parsonstown. The sea is moderate or slight

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

6th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW^ly winds, moderate and fresh; cloudy, slight rain.	6 SCOTLAND WEST	N^ly winds, light; dull.
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Same as N°s 2 to 4
2 ENGLAND N.E.	NW^ly winds, light or moderate; cloudy.	8 ENGLAND S.W.	N^ly winds, light and moderate; fine generally
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	NW^ly winds, moderate and fresh; cloudy, slight showers.
4 MIDLAND COUNTIES	..... D° ..... D° ..... D°	10 IRELAND SOUTH	N^ly airs and calms; dull
5 ENGLAND SOUTH	NW^ly and N^ly winds, light; fair generally	WARNINGS	NONE ISSUED

Printed by Dangerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 5TH AUGUST 1882.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·75	63	Z	0	c	29·79	+ ·10	67	56	+ 7	Z	0	b	*	72	54	—
Hernösand	29·67	59	NE	2	o	29·68	+ ·21	59	58	0	Z	0	o	*	68	57	0·08
Stockholm ...	29·58	55	ESE	2	b	29·65	+ ·24	60	55	+ 4	NE	4	o	*	64	54	—
Wisby	29·41	52	S	4	r	29·49	+ ·05	57	54	0	E	6	c	*	64	50	0·43
Bodö	29·66	61	E	2	c	29·75	+ ·20	57	55	— 5	Z	0	bc	0	70	55	0·12
Christiansund...	29·72	57	W	4	o	29·85	+ ·33	54	53	0	NW	5	r	5	61	50	0·67
‡Skudesnaes ...	29·84	53	NW	8	o	29·90	+ ·18	55	53	+ 3	NW	8	o	5	?	50	—
Oxö (Christiansund) ..	29·60	61	NW	4	c	29·75	+ ·30	61	54	+ 4	NW	2	b	3	64	55	0·08
Skagen (The Skaw)	29·55	59	NNE	4	b	29·70	+ ·37	59	54	+ 9	NE	3	b	2	61	48	0·43
Fanö ...	29·71	55	NW	8	o	29·76	+ ·07	58	56	+ 3	NW	6	c	*	?	52	0·04
Cuxhaven ..	29·85	60	WNW	7	bc	29·80	— ·06	58	57	+ 2	NW	7	rq	*	?	52	0·10
‡Sumburgh Head	30·11	52	NNW	5	b	30·04	+ ·01	49	48	0	SW	1	r	2	55	45	0·03
‡Stornoway ..	30·20	59	WNW	5	m	30·19	— ·04	56	56	+ 2	W	5	m	4	59	52	0·09
Wick	30·16	54	NW	2	r	30·10	— ·07	57	57	+ 2	NW	5	d	4	60	52	0·28
Nairn	30·19	59	NW	1	o	30·16	— ·07	59	56	+ 6	NW	3	o	3	60	53	—
‡Aberdeen ..	30·18	61	NNW	4	o	30·11	— ·08	63	58	+ 8	NW	5	c	2	64	53	0·05
Leith	30·20	64	W	1	bc	30·17	— ·07	61	55	+ 8	W	1	b	*	69	50	—
‡Shields	30·21	57	E	2	o	30·17	— ·07	61	55	+ 5	WNW	3	c	3	64	55	—
Spurn Head ..	30·23	58	N	2	bc	30·16	— ·07	61	59	+ 6	NW	5	c	4	62	55	—
York	30·25	63	NW	2	c	30·20	— ·07	61	57	+ 5	WNW	2	o	*	63	55	—
Loughborough..	30·28	62	WNW	4	c	30·23	— ·06	63	59	+ 4	WNW	3	bw	*	66	56	—
‡Ardrossan ...	30·27	60	W	3	o	30·26	— ·02	56	55	+ 1	WNW	3	o	2	64	54	—
‡Mullaghmore ...	30·40	59	WNW	5	og	30·36	— ·02	57	56	— 1	WNW	5	cmg	4	60	56	0·07
Donaghadee ...	30·34	59	NW	2	o	30·32	— ·03	58	56	+ 2	WNW	4	c	2	63	55	—
Parsonstown ...	30·40	65	NNW	1	b	30·40	— ·03	57	55	— 1	NNW	1	o	*	70	55	—
Barrow-in-Furness	30·27	61	NW	5	bc	30·24	— ·03	58	55	+ 2	N	4	o	5	64	55	—
‡Holyhead ...	30·34	59	SW	3	o	30·32	— ·04	60	57	+ 3	NW	3	o	3	62	56	—
Liverpool (Bidston)	30·31	60	W	4	c	30·28	— ·05	58	56	+ 2	WNW	4	o	3	61	56	—
‡Valencia	30·48	62	WNW	2	o	30·43	— ·05	57	57	— 2	Z	0	cmg	1	65	54	—
Roche's Point ...	30·41	63	WNW	4	b	30·40	— ·02	57	54	— 1	NW	3	o	3	65	52	—
Pembroke ...	30·37	61	WNW	1	b	30·34	— ·04	59	57	+ 3	N	2	bc	1	61	56	—
‡Scilly	30·39	60	N	5	c	30·35	— ·04	62	59	+ 2	NNE	4	b	3	62	58	—
Prawle Point ..	30·33	63	N	2	b	30·32	— ·04	61	60	— 1	N	2	c	1	69	54	—
Hurst Castle ...	30·30	69	NE	3	b	30·29	— ·03	61	58	+ 2	NNE	1	c	2	71	54	—
‡Dover	30·25	65	N	2	b	30·21	— ·05	63	58	+ 3	NW	3	b	1	67	56	—
‡London	30·27	65	NW	4	b	30·24	— ·05	62	58	+ 4	NW	2	c	*	70	57	—
Oxford	30·31	60	NW	1	c	30·25	— ·06	61	58	+ 4	NW	3	c	*	57	57	—
Cambridge .	30·26	62	NNW	1	o	30·19	+ ·08	62	58	+ 5	NNW	1	o	*	68	48	—
‡Yarmouth ...	30·24	59	NNW	3	b	30·17	— ·04	61	59	+ 4	NNW	3	c	4	63	51	—
The Helder ...	30·12	58	NW	5	o	30·07	— ·05	58	53	0	NW	5	bc	3	59	57	—
Cape Gris Nez	30·23	64	SSE	1	bc	30·23	·00	59	55	+ 4	WNW	4	o	2	68	55	—
‡Jersey																	
Brest	30·35	61	NNE	4	b	30·34	— ·03	57	56	+ 1	NE	3	b	3	66	52	—
Lorient	30·25	68	NE	5	b	30·27	— ·01	56	?	+ 1	NNE	1	b	1	77	52	
‡Rochefort ...	30·19	74	NNW	5	b	30·23	·00	58	55	— 6	ENE	7	b	2	79	52	—
Biarritz	30·22	68	NNE	3	bc	? 30·16	— ·08	65	62	0	E	3	b	2	73	59	—
Corunna	*	*	*	*	*	?		?	68	63	+ 5	NE	3	b	3	73	57	—
Brussels	*	*	*	*	*	30·16	— ·02	57	54	— 2	WSW	1	o	*	65	54	—
Charleville ...	30·19	64	NNE	4	b	30·24	+ ·04	51	50	— 2	W	1	o	*	79	?	—
Paris	30·24	66	NNE	5	bc	30·26	— ·02	60	57	+ 1	N	1	o	*	*	*	—
Lyons	30·15	71	NNE	3	b	30·19	— ·04	55	52	— 4	NNW	7	b	*	75	53	—
Toulon	29·93	83	W	5	b	29·80	— ·12	70	58	0	NW	8	b	7	91	66	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29·04	56	NW	2	o	29·07	— ·03	56	55	+ 4	NW	2	r	*	60	51	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·77	53	51	NW	8	r	6
Sumburgh Head	30·08	54	48	NNW	5	b	6
Stornoway ..	30·20	57	57	W	4	d	3
Aberdeen ...	30·18	63	56	NNW	4	o	2
Shields	30·22	63	58	ENE	2	c	2
Ardrossan ...	30·29	59	58	NW	1	o	1
Mullaghmore ...	30·39	59	58	WNW	4	cm	4
Holyhead... ...	30·36	62	59	NW	2	c	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·49	62	59	NW	3	c	3
Scilly	30·41	60	55	NNE	5	b	4
Dover	30·25	65	56	N	3	b	1
London ...	30·27	65	56	NW	3	bc	*
Yarmouth ...	30·24	62	53	NNW	4	bc	4
Jersey	30·37	64	57	N	2	bc	2
Rochefort ..	30·26	73	67	N	5	b	2
Ben Nevis 4406 ft. Sam on 4th	25·69	38	38	N	5	f	Max 38, Min 33, Rain 0·02

The changes in pressure are very slight. In the N. and E. the barometer is falling a little, but in the SW. it is still rising; the winds and weather are unaltered. The sea is smooth at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY 6TH AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter.*
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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield Lith. 26 Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on Sunday 6th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

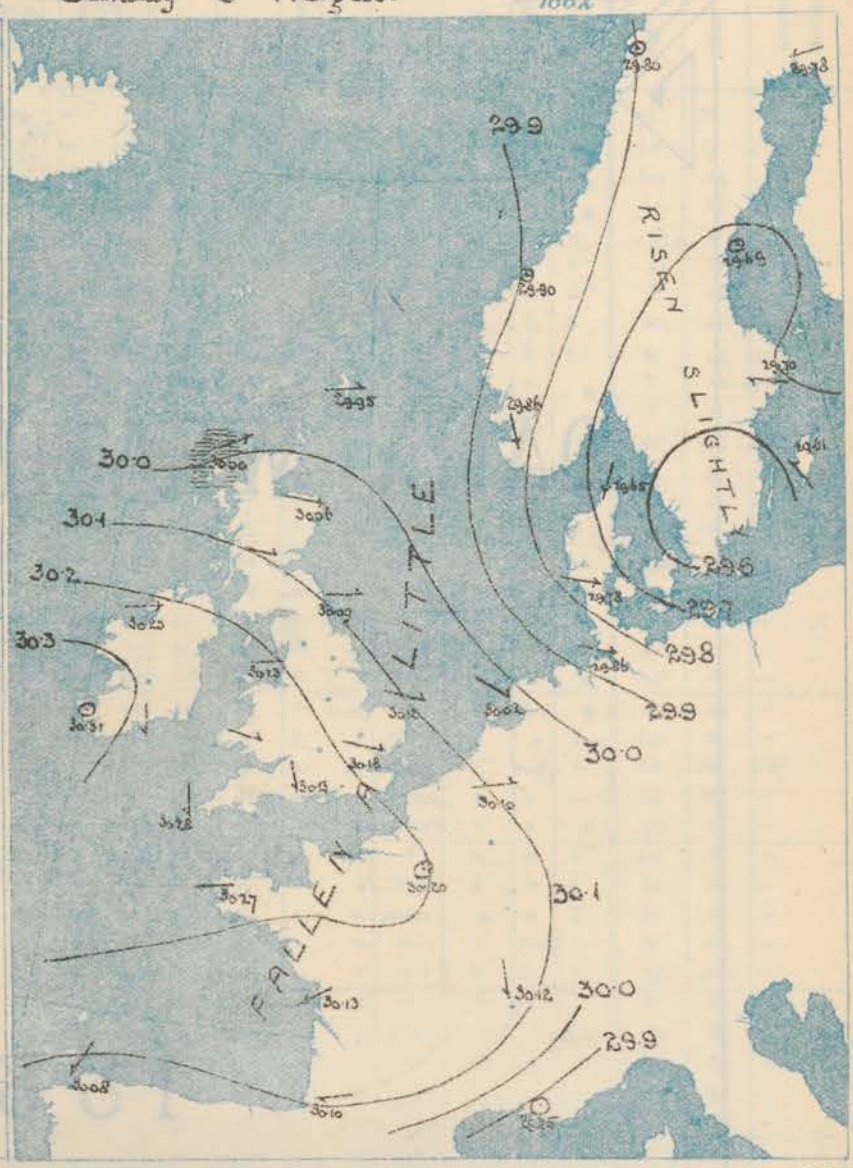
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 . 853
Aberdeen	29 . 863
Leith	29 . 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 . 985
Plymouth	30 . 007
LONDON	29 . 986
Yarmouth	29 . 968

* These means are for the 10 years 1866–76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

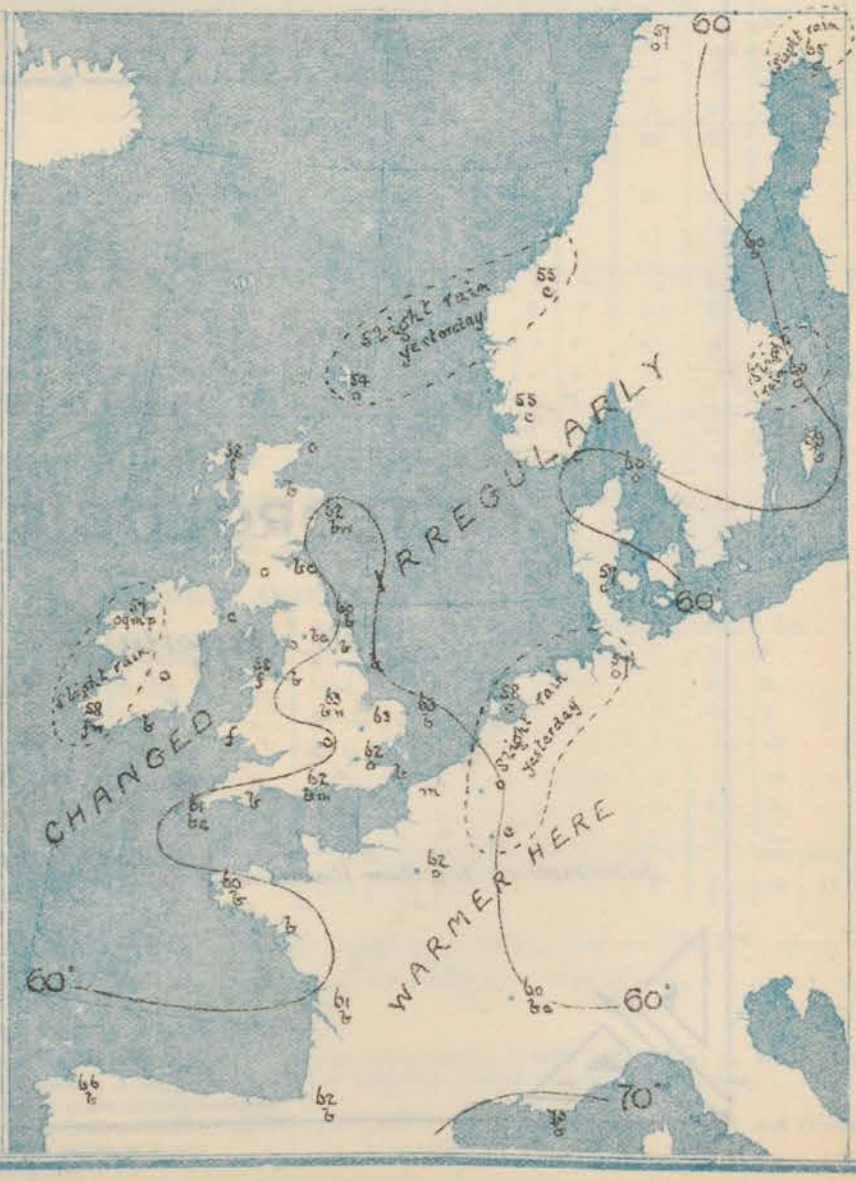
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp	Rain-fall
	°	ins
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valentia	60·3	4.06
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 6th August 1882 at 8 a.m.

Since yesterday the barometer has fallen at all but the Swedish stations, the change being most marked in the NW. of Scotland. An anticyclone still lies over the S. of Ireland, but a well marked depression has advanced to the south of Scandinavia from the Eastward, while a small shallow disturbance seems to be approaching the Hebrides. The winds are Westerly at our Northern stations, NW. in the E. and S. and NE. over France. They are generally light or moderate in force, but at Stornoway they blow strongly. The weather is cloudy in the extreme N. and NW., fine elsewhere, and temperature ranges from 65° at York and 55° at Parsonstown to 54° in the Shetlands. The highest maxima yesterday were 74° at Leith, York, and Prawle Point, and 73° at Parsonstown and Rocks Point; in London the thermometer did not exceed 70°. The sea is rather rough at Stornoway, slight or smooth elsewhere.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Frank Dangerfield, 21 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 6th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 8).	PAST 24 HOURS. Shade Temp. Max.	Min.	Amount of Rainfall.
Haparanda	29.75	64	SE	2	o	29.78	— .01	65	59	— 2	E	2	c	*	72	57	0.04
Hernösand	29.67	61	NNE	2	o	29.69	+ .01	60	60	+ 1	Z	o	r	*	63	52	—
Stockholm	29.63	55	SW	2	o	29.70	+ .05	60	56	o	ESE	2	o	*	66	54	0.04
Wisby	29.60	54	ESE	2	o	29.61	+ .12	59	55	+ 2	SE	2	b	*	66	50	—
Bodo	29.53	58	NW	2	o	29.50	+ .05	57	57	o	Z	o	o	o	63	36	—
Christiansund	29.93	53	N	2	f b	29.90	+ .05	55	53	+ 1	Z	o	c	3	57	48	0.12
‡Skudesnaes	29.90	59	NW	6	b	29.86	— .04	55	52	o	NNW	7	c	3	?	?	—
Oxö (Christiansund)	29.72	65	WSW	1	c	29.72	— .03	60	55	— 1	NW	4	c	1	68	55	—
Skagen (The Skaw)	29.72	60	W	3	c	? 29.65	— .05	60	55	+ 1	NNE	6	o	4	70	55	—
Fanö	29.80	56	NW	6	c	29.78	+ .02	59	54	— 1	NW	6	o	*	?	52	—
Cuxhaven	29.90	?	NW	6	o	29.86	+ .06	57	55	— 1	WNW	5	o	*	59	54	0.02
‡Sumburgh Head	30.01	50	NNE	1	o	29.95	— .09	54	54	+ 5	W	3	o	2	56	47	0.13
‡Stornoway	30.18	60	W	4	c	30.00	— .19	58	57	+ 2	WSW	6	f	5	63	54	—
Wick	30.13	56	NW	3	o	30.00	— .10	57	55	o	WNW	1	o	2	58	53	—
Nairn	30.17	62	NW	4	c	30.06	— .10	59	54	o	W	2	b	1	66	54	—
‡Aberdeen	30.15	62	NW	4	o	30.06	— .05	62	57	— 1	WNW	1	bw	1	69	48	—
Leith	30.17	64	W	2	b	30.09	— .08	59	56	— 2	WNW	3	b	*	74	54	—
‡Shields	30.16	69	WNW	2	c	30.09	— .08	60	57	— 1	W	4	b	4	69	52	—
Spurn Head	30.19	63	NNE	2	c	30.12	— .04	59	58	— 2	WNW	4	b	4	67	55	—
York	30.19	69	Z	o	bc	30.13	— .07	65	60	+ 4	W	3	b	*	74	52	—
Loughborough	30.22	66	WNW	3	b	30.17	— .06	63	58	o	WNW	4	bw	*	69	54	0.63
‡Ardrossan	30.26	60	WNW	3	c	30.17	— .09	58	57	+ 2	WNW	2	o	1	65	55	—
‡Mullaghmore	30.34	57	WSW	2	o	30.23	— .13	57	56	o	W	5	ogp	4	61	56	0.01
Donaghadee	30.31	60	N	3	b	30.22	— .10	57	56	— 1	N	1	c	o	63	53	—
Parsonstown	30.34	72	Z	o	b	30.29	— .11	55	54	— 2	W	1	o	*	73	54	—
Barrow-in-Furness	30.23	61	NW	5	bc	30.19	— .05	58	56	o	N	2	o	3	64	56	—
‡Holyhead	30.32	60	NW	2	b	30.23	— .09	58	58	— 2	W	1	f	o	62	53	—
Liverpool (Bidston)	30.28	60	W	3	bc	30.20	— .05	62	59	+ 4	W	3	b	2	62	56	—
‡Valencia	30.37	65	NNW	1	b	30.31	— .12	58	58	+ 1	Z	o	fw	o	66	51	0.01
Roche's Point	30.33	69	NNW	3	b	30.27	— .13	60	56	+ 3	N	1	b	2	73	55	—
Pembroke	30.32	60	N	2	bc	30.27	— .07	58	58	— 1	WNW	2	f	o	62	54	—
‡Scilly	30.31	60	N	4	o	30.28	— .07	61	59	— 1	N	2	bc	3	63	59	—
Prawle Point	30.27	64	N	1	c	30.26	— .06	64	60	+ 3	W	1	b	o	74	54	—
Hurst Castle	30.26	65	NE	2	c	30.23	— .06	62	58	+ 1	NNW	2	bm	1	69	63	—
‡Dover	30.19	68	N	2	c	30.16	— .05	61	59	— 2	NW	3	b	1	72	56	—
‡London	30.22	66	NW	2	b	30.18	— .06	62	59	o	NW	3	o	*	70	56	—
Oxford	30.25	59	WNW	1	o	30.21	— .04	58	56	— 3	NW	3	o	*	67	51	—
Cambridge	30.19	66	WNW	1	o	30.17	— .02	63	59	+ 1	NW	1	?b	*	70	58	—
‡Yarmouth	30.18	63	NNW	3	c	30.12	— .05	63	60	+ 2	NW	3	b	3	68	55	—
The Helder	30.07	60	NW	4	o	30.02	— .05	58	55	o	NW	4	c	4	61	57	0.03
Cape Gris Nez	30.21	63	WSW	1	m	30.18	— .05	62	59	+ 3	NW	1	m	1	70	59	—
‡Jersey																	
Brest	30.28	63	NNE	4	o	30.27	— .07	60	59	+ 3	E	4	b	2	64	55	—
Lorient	30.20	68	NE	4	c	? 30.19	— .08	59	56	+ 3	E	4	b	1	70	54	—
‡Rochefort	30.15	78	ENE	5	b	30.13	— .10	61	59	+ 3	ENE	7	b	2	82	54	—
Biarritz	30.14	64	N	5	b	30.10	— .06	62	58	— 3	E	1	b	1	72	55	—
Corunna	*	*	*	*	*	30.08	?	66	62	— 2	NE	4	b	4	77	59	—
Brussels	*	*	*	*	*	30.10	— .06	60	59	+ 3	W	3	o	*	62	58	0.04
Charleville	30.16	61	N	1	b	? 30.12	— .12	59	55	+ 8	N	4	o	*	66	50	0.08
Paris	30.21	68	NNE	4	c	30.20	— .06	62	59	+ 2	Z	o	o	*	*	*	—
Lyons	30.13	64	N	3	b	30.12	— .07	60	56	+ 5	NNW	3	bc	*	70	55	2
Toulon	29.86	77	Z	o	b	29.85	— .01	73	60	+ 3	Z	o	b	2	88	64	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29.00	64	W	2	bc	28.94	— .17	53	52	— 3	W	2	bc	*	67	48	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.91	56	52	NW	8	c	4
Sumburgh Head	29.98	55	55	SW	4	m	3
Stornoway	30.20	62	59	WNW	5	o	4
Aberdeen	30.12	67	61	NNW	5	c	2
Shields	30.17	65	61	W	1	m	3
Ardrossan	30.25	64	62	WNW	4	b	3
Mullaghmore	30.37	59	58	WNW	3	ogp	3
Holyhead	30.32	61	58	NW	3	o	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30.41	63	60	NW	2	b	2
Scilly	30.34	62	59	NNE	4	c	3
Dover	30.20	70	62	NNE	3	c	1
London	30.22	69	62	NW	2	o	*
Yarmouth	30.17	66	60	NNW	3	b	4
Jersey							
Rochefort	30.19	81	69	ENE	5	b	2
Ben Nevis 4406 ft 9am on 5th	25.91	43	43	NNW	3	f	MAX 45 MIN 38

The barometer is falling in the Shetlands and the wind there has freshened from the SW and but elsewhere there is little change. The sea is smooth at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY 7th AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter.*
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ROBERT H. SCOTT
(SECRETARY.)

Frd.k Dangerfield Lith. 26 Finsbury St. Com. Garden.

WEATHER CHARTS

for 8 a.m. on Monday 7th August 1882

BAROMETER, WIND & SEA

Explanation of Map.

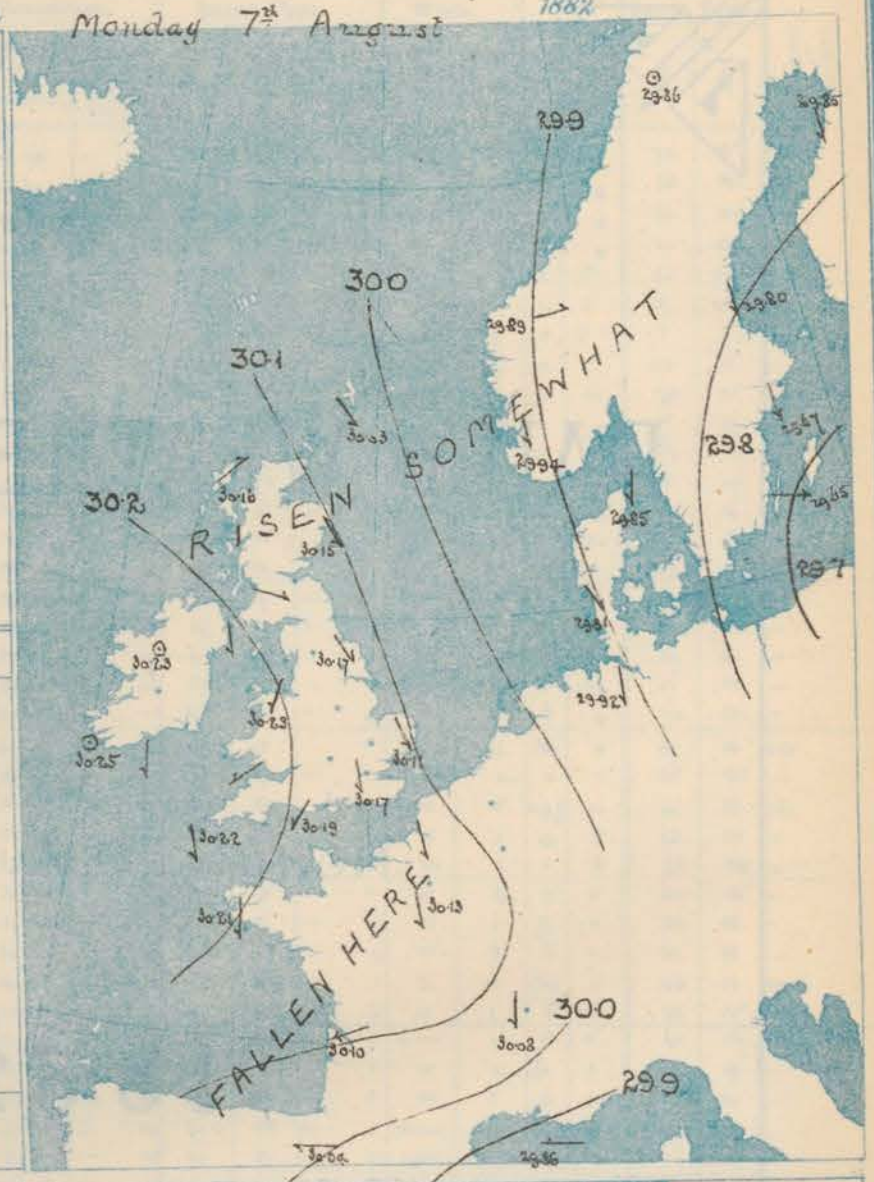
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ - forces above 10; ⟶ - forces 8 to 10
⟶ - forces 5 to 7; ⟶ - forces 1 to 4;
⊙ - dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.

REMARKS

for ..... 1882 at 8 a.m.

MONDAY 7TH AUGUST

The barometer is now rising on all but our South-west coasts, and the Eastern side of an anticyclone lies over Ireland and the west of England, while the lowest readings are found over the Baltic. The wind is North-westerly on all our more Northern coasts and Northerly in the South, while in France it draws into North-east; it is everywhere light or moderate in force. The weather is still dull in the North-west, but fair in almost all other districts, and temperature ranges from 67° at Hurst Castle and 64° in London to 54° in the Hebrides. In London & at Cambridge & Hurst Castle the thermometer yesterday rose to a maximum of 80°, being the highest point reached this season. In the North of Scotland, however the maxima were below 60°. The sea is slight or smooth on all our coasts.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

..... 8TH AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS
0 SCOTLAND NORTH	W^ly winds, moderate or fresh; dull.
1 SCOTLAND EAST	NW^ly winds, light or moderate; fair generally.
2 ENGLAND N.E.	..... 0° ..... 0° ..... 0° .....
3 ENGLAND EAST	..... 0° ..... 0° ..... 0° .....
4 MIDLAND COUNTIES	Same as No 5
5 ENGLAND SOUTH	NW^ly and N^ly winds, light; fine, warm.
6 SCOTLAND WEST	W^ly winds, light; dull
7 ENGLAND N.W.	Same as Nos 1 to 3
8. ENGLAND S.W.	W^ly winds, light; fine
9 IRELAND NORTH	NW^ly to W^ly winds, moderate; cloudy
10 IRELAND SOUTH	Same as No 8
WARNINGS	NONE ISSUED

Frank Dangerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 7TH AUGUST 1882.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 8).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·71	63	Z	0	b	29·85	+ ·07	64	59	— 1	N	2	b	*	75	55	—
Hernösand	29·79	58	Z	0	0	29·80	+ ·11	63	60	+ 3	N	2	0	*	75	55	—
Stockholm ...	29·75	58	Z	0	be	? 29·67	— ·03	56	54	— 4	N	6	r	*	65	54	0·04
Wisby	29·68	58	ENE	2	b	29·65	+ ·04	61	58	+ 2	NW	6	0	*	68	52	—
Bodö	29·82	59	NE	2	c	29·86	+ ·06	59	58	+ 2	Z	0	0	0	59	37	—
Christiansund...	29·83	59	NE	2	c	29·89	— ·01	59	55	+ 2	WSW	1	0	1	59	50	—
‡Skudesnaes ...	29·88	55	NW	6	0	29·94	+ ·08	56	52	+ 1	NNW	4	b	4	58	55	—
Oxö (Christiansund) ...	29·82	62	WSW	2	c	29·85	+ ·12	65	61	+ 5	NW	1	be	1	66	57	—
Skagen (The Skaw)	29·80	61	Z	0	b	29·85	+ ·20	62	60	+ 2	N	2	b	1	68	54	—
Fanö ...	29·85	57	NW	5	c	29·91	+ ·13	60	56	+ 3	NW	2	c	*	61	55	—
Cuxhaven ..	29·87	62	WNW	5	d	29·92	+ ·06	60	59	+ 3	NNW	4	0	*	?	54	—
‡Sumburgh Head	29·89	55	W	4	f	30·03	+ ·08	54	53	0	NW	3	c	3	59	49	0·02
‡Stornoway ...	30·06	56	W	4	0	30·16	+ ·16	54	53	— 4	SW	4	0	3	58	50	—
Wick	29·94	56	NW	4	0	30·12	+ ·12	55	54	— 2	NW	2	0	2	60	50	0·25
Nairn ...	30·05	59	W	4	c	30·16	+ ·10	56	53	— 3	W	1	c	1	69	53	—
‡Aberdeen ...	30·03	63	NW	2	be	30·15	+ ·09	58	54	— 4	NW	2	c	1	72	54	—
Leith	30·08	64	WNW	6	c	30·16	+ ·07	58	54	— 1	W	1	b	*	70	51	—
‡Shields	30·06	66	NW	4	c	30·17	+ ·08	59	55	— 3	NW	1	0	3	71	54	—
Spurn Head ..	30·07	62	SSE	1	b	30·13	+ ·01	59	58	0	N	4	be	2	69	57	—
York	30·09	67	WNW	3	b	30·11	— ·02	60	56	— 5	NW	1	c	*	76	52	—
Loughborough .	30·13	66	NW	3	be	30·18	+ ·01	61	56	— 2	WNW	3	be	*	76	56	—
‡Ardrossan ..	30·13	60	WNW	3	0	30·19	+ ·02	56	54	— 2	WNW	3	0	2	64	53	—
‡Mullaghmore .	30·23	60	W	5	c	30·23	·00	59	57	+ 2	Z	0	0g	0	64	56	0·05
Donaghadee ...	30·19	63	Z	0	be	30·23	+ ·01	58	53	+ 1	NNW	4	c	2	70	55	—
Parsonstown ...	30·26	64	NW	1	b	30·27	— ·02	58	55	+ 3	Z	0	0	*	68	54	—
Barrow-in-Furness	30·15	62	WSW	4	0	30·16	— ·03	58	55	0	NW	2	c	2	65	55	—
‡Holyhead ...	30·21	64	WNW	2	be	30·23	·00	59	57	+ 1	NNE	2	0g	1	65	56	—
Liverpool (Bidston)	30·17	60	W	4	be	30·20	·00	60	55	— 2	NW	3	be	3	63	57	—
‡Valencia	30·27	62	NNW	3	be	30·25	— ·06	59	58	+ 1	Z	0	bem	0	66	55	—
Roche's Point ...	30·24	63	S	2	b	30·27	·00	58	55	— 2	N	1	c	2	72	54	—
Pembroke ..	30·21	61	W	2	f	30·22	— ·05	63	60	+ 5	NE	1	b	0	63	57	—
‡Scilly	30·24	60	NNW	3	f	30·22	— ·06	58	58	— 3	NNW	2	f	2	65	55	0·02
Prawle Point ...	30·20	73	NNE	1	b	30·23	— ·03	63	61	— 1	NE	1	b	0	75	55	—
Hurst Castle ..	30·15	72	N	2	b	30·19	— ·04	67	61	+ 5	NE	2	be	1	80	54	—
‡Dover	30·07	65	WSW	3	b	30·13	— ·03	62	59	+ 1	N	3	b	1	69	58	—
‡London	30·09	77	NW	4	b	30·17	— ·01	64	59	+ 2	NNW	2	0	*	80	58	—
Oxford	30·13	69	W	2	b	30·19	— ·02	61	59	+ 3	NW	1	0	*	79	57	—
Cambridge ..	30·08	74	NW	2	b	30·15	— ·02	63	58	0	N	1	c	*	80	56	—
‡Yarmouth ...	30·07	66	Z	0	b	30·11	— ·01	62	59	— 1	NW	3	b	3	68	58	—
The Helder ...																	
Cape Gris Nez	30·10	64	WSW	4	m	30·18	·00	60	59	— 2	NNW	4	m	3	68	59	—
‡Jersey																	
Brest	30·23	66	NNE	4	b	30·24	— ·06	56	56	— 4	N	1	m	2	75	54	—
Lorient	30·15	68	W	1	b	? 30·14	— ·05	60	58	+ 1	NE	1	b	1	75	55	—
‡Rochefort ...	30·09	77	ENE	7	b	30·10	— ·03	63	60	+ 2	ENE	5	b	2	86	55	—
Biarritz	30·05	72	W	3	b	30·04	— ·06	63	60	+ 1	E	4	b	2	75	59	—
Corunna	*	*	*	*	*				*					*	*	*	*
Brussels	*	*	*	*	*									*			
Charleville ...														*			
Paris	30·14	75	N	5	b	30·13	— ·07	63	58	+ 1	NNW	4	be	*	*	*	—
Lyons	30·08	68	N	4	b	30·08	— ·04	62	59	+ 2	N	1	b	*	71	55	—
Toulon	29·84	81	W	3	b	29·86	+ ·01	77	61	+ 4	E	1	b	2	84	64	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·91	58	W	2	0	28·97	+ ·03	53	51	0	N	2	c	*	66	50	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·86	58	54	NW	8	0	4
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields							
Ardrossan ..							
Mullaghmore ..							
Holyhead							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.	MAX	MIN	RAIN
Valencia ...										
Scilly										
Dover										
London ...							*			
Yarmouth ...										
Jersey										
Rochefort ...	30·12	83	71	ENE		7	b	2		
Ben Nevis 4406 ft. 9am on 6TH	28·61	43	43	WNW		6	f	50	40	—

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

TUESDAY 8TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 22 Fe[illegible] St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 8th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

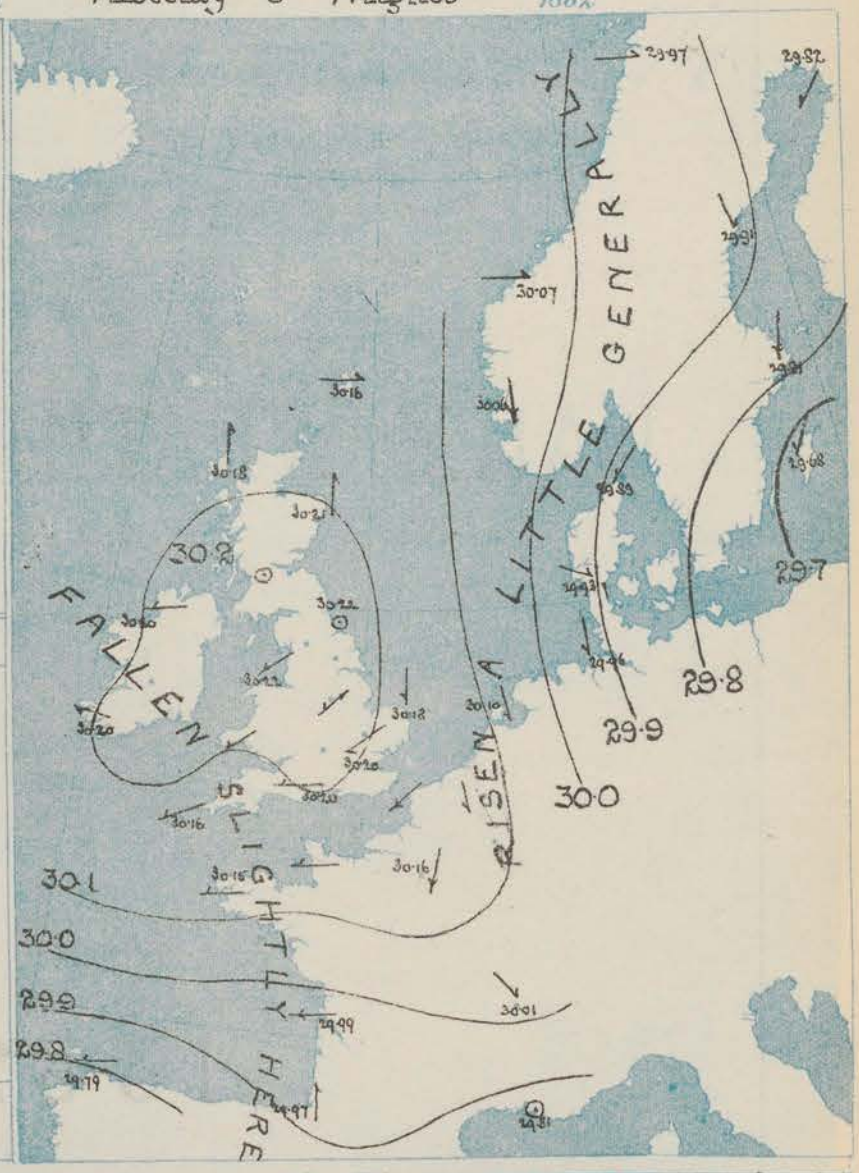
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast: thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

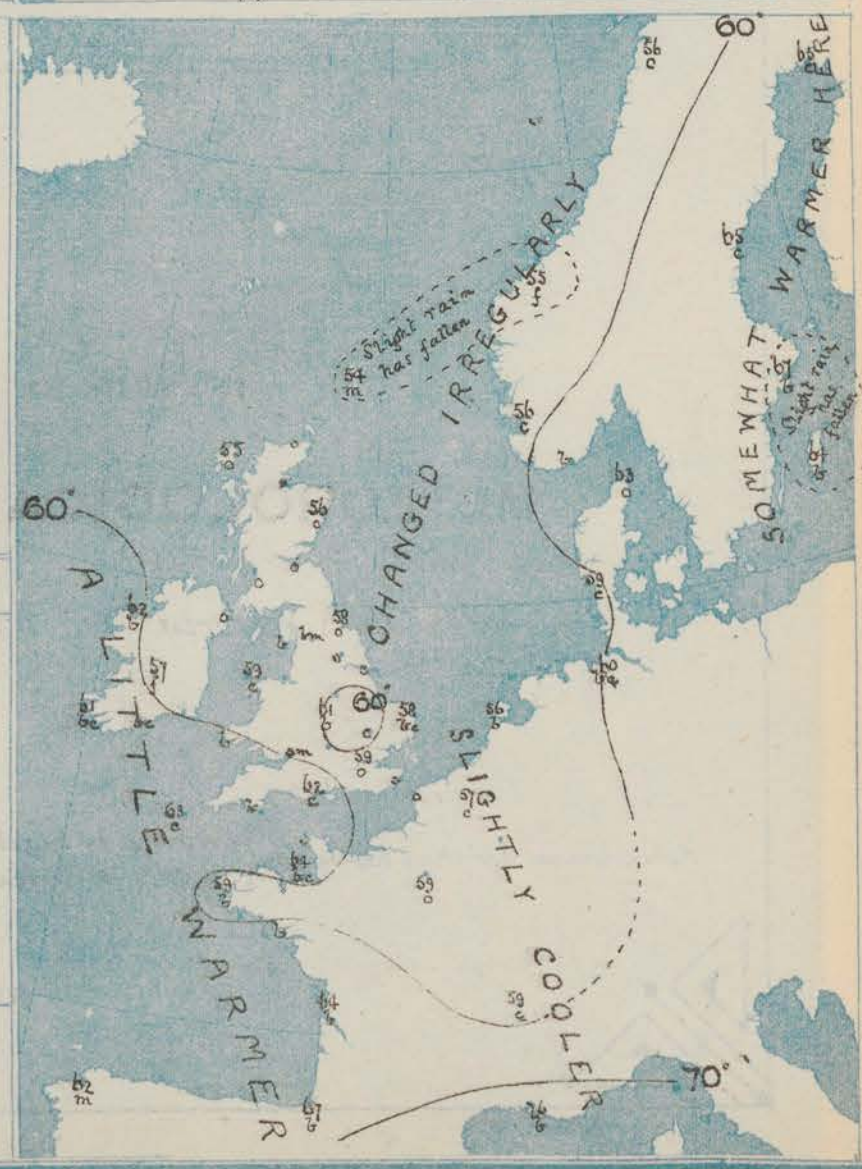
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valentia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY 8th AUGUST 1882 at 8 a.m.

The anticyclone which lay over our western coasts yesterday has since advanced eastwards and now covers almost the entire Kingdom. The barometer has consequently risen at all our more eastern stations, but in France and on our W and SW coasts a slight fall has set in. North-westerly breezes prevail on the eastern shores of the N. Sea, and north-easterly or easterly winds over France and our southern coasts, but elsewhere light variable airs are reported. The weather is fair in most places; and temperature, which has fallen over the SE of England, varies from 63° at Scilly and Prawle Point to 54° at Sumburgh Head, Ardrossan and Donaghadee. The highest maxima recorded yesterday were 76° in London, 75° at Hurst Castle and 73° at Loughborough. The sea is slight or smooth on all our coasts.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

9th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	S'ly and SW'ly winds, light or moderate; cloudy	6 SCOTLAND WEST	Same as No. 1 and 2
1 SCOTLAND EAST	Variable airs; fair generally	7 ENGLAND N.W.	Same as No. 1 and 2
2 ENGLAND N.E.	....D°....D°....D°....	8 ENGLAND S.W.	E'ly to SE'ly winds, moderate and fresh; fair
3 ENGLAND EAST	NE'ly winds, light; fine	9 IRELAND NORTH	SE'ly or S'ly winds, light or moderate; fair to cloudy and unsettled.
4 MIDLAND COUNTIES	Same as No. 1 and 2.	10 IRELAND SOUTH	....D°....D°....D°....
5 ENGLAND SOUTH	NE'ly and E'ly winds, light; fair generally.	WARNINGS	NONE ISSUED

Frank Daugerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 8TH AUGUST, 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 A.M. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 A.M. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ..	29·82	65	Z	0	c	29·82	— ·03	66	59	+ 2	NE	2	c	*	79	55	—
Hernösand	29·90	64	Z	0	c	29·91	+ ·11	66	62	+ 3	NNW	4	c	*	72	55	—
Stockholm ...	29·70	62	NNE	4	0	29·81	+ ·14	67	63	+ 11	N	2	b	*	?	55	0·16
Wisby	29·64	62	N	4	r	29·68	+ ·03	64	63	+ 3	NNE	2	b	*	?	55	0·12
Bodö	29·94	59	WSW	2	0	29·97	+ ·11	58	54	— 3	W	2	0	2	63	55	—
Christiansund...	30·01	59	W	1	0	30·07	+ ·18	54	53	— 3	W	3	f	2	61	50	0·12
‡Skudesnaes ..	29·98	56	NNW	6	0	30·06	+ ·12	56	53	0	NNW	6	c	4	59	55	—
Oxö (Xtiansund) ..	29·85	64	SW	2	bc	29·95	+ ·05	66	60	+ 1	NNW	2	b	1	66	61	—
Skagen (The Skaw)	29·85	62	NNW	3	b	29·89	+ ·04	63	61	+ 1	NE	3	0	2	68	59	—
Fanö ...	29·95	58	NW	6	c	29·98	+ ·02	59	57	— 1	NW	4	c	*	63	54	—
Cuxhaven ..	29·99	?	NW	3	bc	29·96	+ ·04	60	58	0	NNW	4	bc	*	61	55	—
‡Sumburgh Head	30·14	54	NW	3	0	30·16	+ ·13	54	53	0	W	1	m	1	56	49	0·01
‡Stornoway ..	30·19	59	S	4	0	30·18	+ ·02	55	54	+ 1	S	4	0	3	60	53	—
Wick	30·20	56	W	2	0	30·19	+ ·07	56	54	+ 1	SW	1	0	1	58	52	—
Nairn ...	30·19	60	E	2	b	30·20	+ ·04	55	53	— 1	Z	0	0	0	65	48	—
‡Aberdeen ...	30·20	58	SSE	2	b	30·21	+ ·06	56	54	— 2	S	1	ow	1	65	44	—
Leith	30·23	64	W	1	b	30·22	+ ·06	? 62	? 61	+ 4	NW	1	0	*	68	48	—
‡Shields	30·23	59	E	1	0	30·20	+ ·05	58	55	+ 1	Z	0	0	2	61	52	—
Spurn Head	30·19	59	NNE	2	bc	30·20	+ ·07	58	55	— 1	N	3	c	2	63	55	—
York	30·20	65	ESE	1	bc	30·23	+ ·12	58	55	— 2	NNW	1	0	*	71	54	—
Loughborough	30·7	66	NNW	2	bc	30·22	+ ·04	61	56	0	NE	1	bwm	*	72	51	—
‡Ardrossan ...	30·21	61	WNW	1	c	30·23	+ ·04	54	53	— 2	Z	0	owm	0	63	48	—
‡Mullaghmore ..	30·22	64	NNE	1	bc	30·20	— ·03	62	59	+ 3	E	2	b	2	65	58	—
Donaghadee ...	30·25	58	N	1	c	30·25	+ ·02	54	54	— 4	NNW	1	0	0	63	47	—
Parsonstown ...	30·22	72	Z	0	b	30·23	— ·04	59	56	— 1	S	1	f	*	72	52	—
Barrow-in-Furness	30·20	61	NW	3	bc	? 30·19	+ ·03	59	56	— 1	E	2	b	2	65	53	—
‡Holyhead ...	30·24	59	NNW	1	c	30·22	— ·01	59	56	0	NE	3	c	2	62	53	—
Liverpool (Bidston)	30·22	59	WNW	2	c	30·22	+ ·02	58	55	— 2	E	1	m	1	62	56	—
‡Valencia	30·21	61	Z	0	0gm	30·20	— ·05	61	59	+ 2	ESE	1	bc	1	65	55	—
Roche's Point...	30·25	62	SSE	1	b	30·22	— ·05	62	59	+ 4	N	1	bc	2	68	55	—
Pembroke ...	30·22	62	NNE	2	c	30·20	— ·02	62	59	— 1	NE	2	b	1	66	55	—
‡Scilly	30·19	63	NNE	4	bc	30·16	— ·06	63	61	+ 5	ENE	3	c	2	63	57	—
Prawle Point ..	30·19	63	SSW	1	b	30·19	— ·04	63	60	0	ENE	3	b	1	69	56	—
Hurst Castle ..	30·17	69	NE	2	bchr	30·20	+ ·01	62	59	— 5	E	2	cm	1	75	55	—
‡Dover	30·15	66	N	3	b	30·17	+ ·04	59	54	— 3	N	3	c	1	70	56	—
‡London	30·18	68	NNE	2	c	30·20	+ ·03	59	55	— 5	NNE	2	0	*	76	53	—
Oxford	30·19	64	ENE	1	c	30·21	+ ·02	59	57	— 2	Z	0	om	*	70	55	—
Cambridge ..	30·17	65	NE	1	b	30·20	+ ·05	60	56	— 3	NE	1	c	*	68	53	—
‡Yarmouth ...	30·18	61	N	3	bc	30·18	+ ·07	58	53	— 4	N	3	bc	3	67	54	—
The Helder ...	30·11	59	N	3	0	30·10		56	54		NNW	3	0	2	61	55	—
Cape Gris Nez	30·16	64	N	4	0	30·17	— ·01	58	57	— 2	NE	5	0	3	66	55	—
‡Jersey	30·19	65	NE	3	bm	30·18	— ·03	64	60	+ 1	E	3	bm	3	70	56	—
Brest	30·17	68	ENE	4	b	30·15	— ·06	59	57	+ 3	E	4	b	2	75	55	—
Lorient	30·08	71	NE	5	b	? 30·06	— ·08	60	57	0	E	5	b	1	75	57	—
‡Rochefort ...	29·99	72	NW	5	b	29·99	— ·11	64	59	+ 1	E	7	b	2	79	55	—
Biarritz	30·05	72	N	5	b	29·97	— ·07	67	64	+ 4	S	3	b	1	82	59	—
Corunna	*	*	*	*	*	29·79		62	60		E	1	m	1	86	59	—
Brussels	*	*	*	*	*	30·12	+ ·03	57	54	— 4	NNW	3	c	*	69	53	—
Charleville	30·08	65	N	4	bc	30·11	+ ·02	55	50	— 3	NE	5	0	*	70	50	—
Paris ...	?	70	?	4	c	30·16	+ ·03	59	55	— 4	NNE	1	c	*	*	*	—
Lyons	30·00	73	NNE	1	b	30·04	— ·04	59	55	— 3	NW	1	c	*	76	? 54	—
Toulon	29·80	81	W	5	b	29·81	— ·05	76	62	— 1	Z	0	b	1	86	68	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Howes Junction	28·98	60	Z	0	b	28·99	+ ·02	57	54	+ 4	Z	0	bm	*	66	44	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·98	59	56	NW	6	bc	4
Sumburgh Head	30·10	55	52	NW	3	0	2
Stornoway ...	30·18	60	56	WSW	3	0	3
Aberdeen ...	30·18	64	58	NNW	2	b	1
Shields	30·21	60	56	E	1	c	2
Ardrossan ...	30·22	62	59	WNW	2	c	1
Mullaghmore ...	30·24	62	60	NW	2	om	2
Holyhead... ...	30·25	61	57	NE	2	bc	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·24	62	60	WSW	2	f	3
Scilly	30·22	60	59	NNE	3	f	2
Dover	30·15	67	62	E	3	bc	1
London ...	30·18	69	59	NNW	2	bc	*
Yarmouth ...	30·15	64	59	NNW	4	bc	3
Jersey	30·24	68	62	NNE	3	b	3
Rochefort ...	? 30·07	76	70	? E	5	b	1
Ben Nevis 4406 ft. Sam on 7TH	25·67	49	41	NNW	1	bc	MAX 49, MIN 39, RAIN 0·05

The barometer is rising slightly at most stations. The weather is foggy at Valencia and Scilly, fair in all other parts of the country. The sea is smooth at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Wednesday 9th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

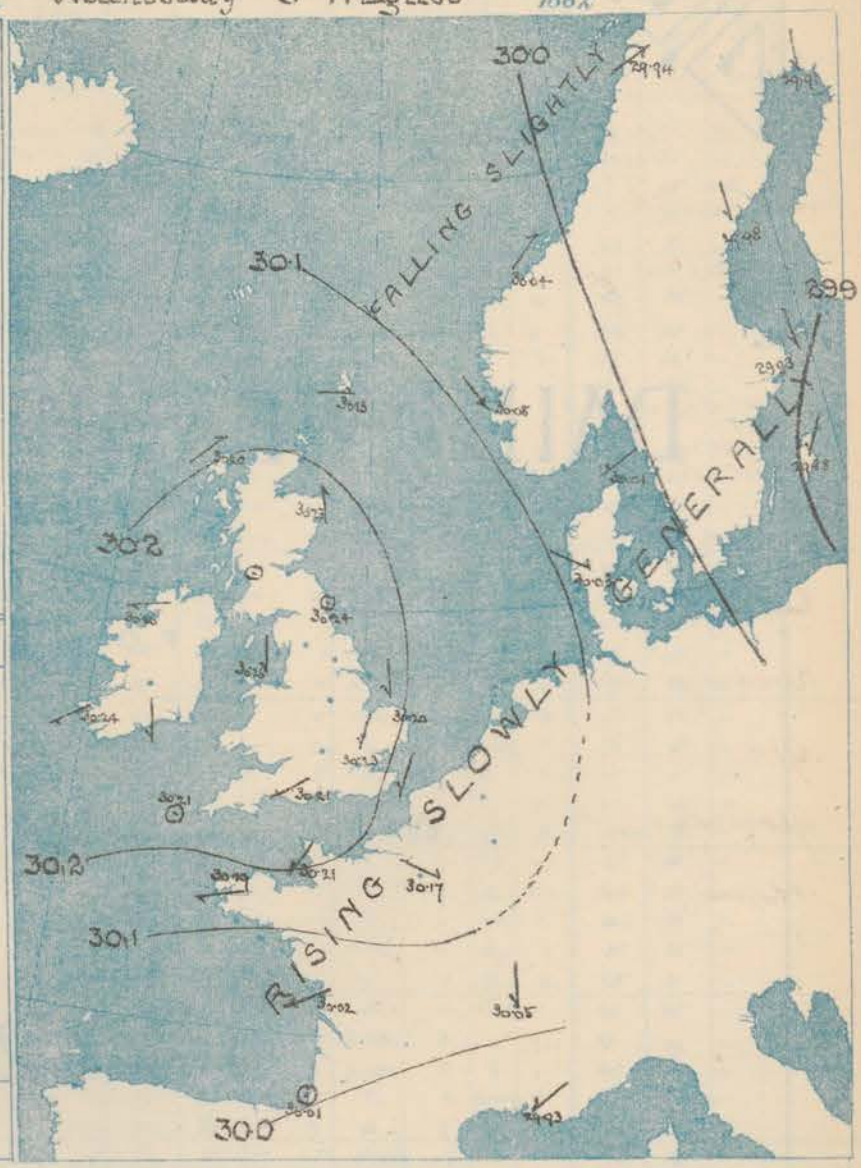
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast; thus ▒ = Rough; ▒ = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 906
Greencastle	29 . 909
Holyhead	29 . 939
Valenia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

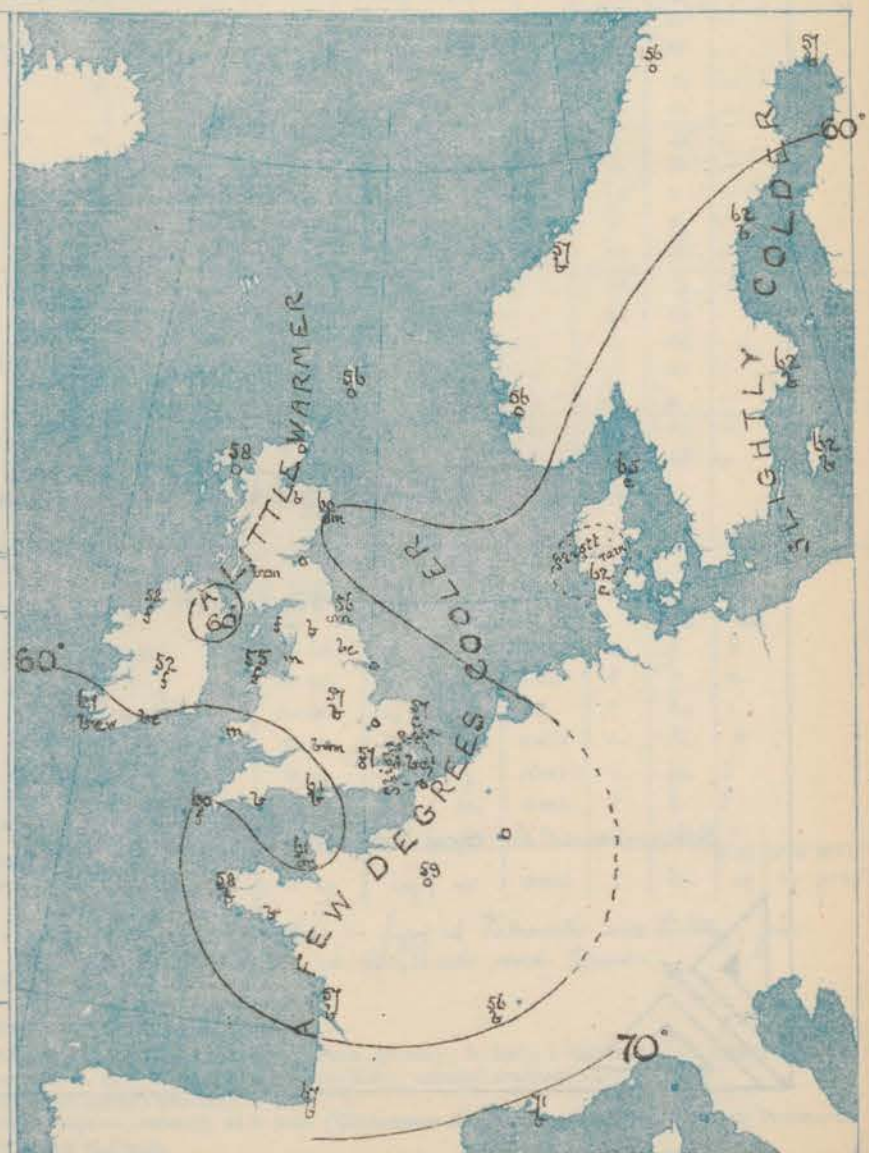
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valenia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for WEDNESDAY 9th AUGUST 1882 at 8 a.m.

Since yesterday morning the changes in pressure have been very slight, but the barometer has shown a general inclination to rise, and the anticyclone now extends over the entire Kingdom. Moderate SWly and Wly winds prevail in the N. of Scotland, and NEly airs in the South of England but in the intermediate districts the wind is exceedingly light and very variable. The weather is cloudy at most of the Eastern stations, and foggy or misty in the west, but in the South of England and over France the sky is clear. Temperature has fallen over England, Ireland & France, and is low for the time of year. Readings over our Islands range from 65° at Prawle Point to 54° at York, and 52° at Parsonstown. The highest temperatures reached yesterday were 75° at Loughboro and 73° at York; in London the highest reading was only 70°. The sea is smooth generally

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

10th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SWly and Wly winds, moderate; cloudy, slight rain.	6 SCOTLAND WEST	Variable airs; fair, but some mist
1 SCOTLAND EAST	Variable or Wly airs; fair generally	7 ENGLAND N.W.	....D°....D°....D°....
2 ENGLAND N.E.	Variable airs; fair generally	8. ENGLAND S.W.	Ely or variable airs; fair generally
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	NEly to variable airs; fair.
4 MIDLAND COUNTIES	Same as No 2	10 IRELAND SOUTH	....D°....D°....D°....
5 ENGLAND SOUTH	Light NEly airs; fair, cool.	WARNINGS	NONE ISSUED

Frndt Dangerfield, 32 Salisbury St Strand London

METEOROLOGICAL OBSERVATIONS FOR 9TH AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·85	62	NW	2	b	29·91	+ ·09	57	51	− 9	N	2	b	*	77	59	—
Hernösand	29·93	63	NW	4	b	29·98	+ ·07	62	55	− 4	NNW	2	b	*	77	57	—
Stockholm ...	29·92	65	N	2	b	29·93	+ ·12	62	57	− 5	NNW	2	b	*	73	59	—
Wisby	29·82	65	NE	6	b	29·88	+ ·20	62	59	− 2	NNE	4	b	*	70	59	—
Bodö	29·01	57	WSW	6	r	29·94	− ·03	56	55	0	SW	6	o	3	59	54	—
Christiansund ...	30·10	57	W	0	c	30·04	− ·03	57	54	+ 3	SSW	1	b	3	59	45	—
‡Skudesnaes ...	30·04	54	NW	6	bc	30·08	+ ·02	54	53	− 2	NW	6	o	4	59	54	—
Oxö (Christiansund) ...	30·00	63	SW	4	c	30·03	+ ·10	63	60	− 3	NNE	2	c	1	72	61	—
Skagen (The Skaw)	29·99	60	NE	3	o	30·01	+ ·12	65	63	+ 2	NE	2	c	0	66	59	—
Fano ...	29·99	63	NW	2	c	30·03	+ ·10	62	61	+ 3	NW	2	c	*	72	59	0·04
Cuxhaven ...														*			
‡Sumburgh Head	30·17	54	W	2	o	30·13	− ·03	56	55	+ 2	W	4	o	3	59	49	—
‡Stornoway ...	30·16	58	S	5	o	30·20	+ ·02	58	57	+ 3	SW	4	om	3	60	52	—
Wick	30·20	57	SW	1	o	30·20	+ ·01	52	56	+ 3	NW	1	o	1	64	52	—
Nairn ...	30·16	58	ENE	2	b	30·23	+ ·03	57	54	+ 4	E	0	b	1	66	53	—
‡Aberdeen ...	30·20	59	SSE	3	c	30·23	+ ·02	60	57	+ 4	SSE	1	om	0	64	54	—
Leith	30·20	61	W	1	b	30·24	+ ·02	56	55	− 6	W	1	o	*	69	49	—
‡Shields	30·21	56	SE	1	m	30·24	+ ·02	56	55	− 2	E	0	om	2	60	50	—
Spurn Head	30·20	57	NNE	3	bc	30·22	+ ·02	55	53	− 3	N	1	o	3	61	53	—
York	30·16	65	ENE	1	b	30·23	·00	54	52	− 4	S	1	bc	*	73	48	—
Loughborough ...	30·17	70	ENE	2	b	30·24	+ ·02	57	54	− 4	E	0	bmr	*	75	45	—
‡Ardrossan ...	30·21	61	WSW	1	b	30·26	+ ·03	58	57	+ 4	E	0	bom	0	62	50	—
‡Mullaghmore ...	30·20	65	N	1	b	30·26	+ ·06	58	58	− 4	E	2	f	2	70	56	0·01
Donaghadee ...	30·22	57	SE	3	b	30·28	+ ·03	61	59	+ 7	NE	3	b	1	62	50	—
Parsonstown ...	30·19	73	NW	1	b	30·28	+ ·05	52	51	− 5	E	0	f	*	73	47	—
Barrow-in-Furness	30·17	64	NW	3	b	30·21	+ ·02	57	56	0	E	1	f	2	67	56	—
‡Holyhead ...	30·21	60	N	3	b	30·26	+ ·04	55	55	− 4	N	1	f	0	62	52	—
Liverpool (Huston)	30·19	62	NW	2	b	30·24	+ ·02	56	55	− 2	NNW	1	m	2	68	54	—
‡Valencia	30·17	66	SW	2	bm	30·24	+ ·04	61	61	0	ENE	1	bmr	1	72	52	—
Roche's Point ...	30·24	62	SSE	3	bc	30·26	+ ·04	60	57	− 2	NNE	1	bc	2	68	52	—
Pembroke ...	30·17	65	N	1	bc	30·22	+ ·02	62	60	0	SSE	1	m	0	66	56	—
‡Scilly	30·16	65	ENE	3	b	30·21	+ ·05	60	60	− 3	E	0	f	1	68	58	—
Prawle Point ...	30·18	60	SSE	1	b	30·22	+ ·03	65	61	+ 2	ENE	1	b	0	70	49	—
Hurst Castle ...	30·17	65	WSW	2	bc	30·21	+ ·01	61	56	− 1	ENE	3	b	2	69	51	—
‡Dover	30·16	61	NE	4	b	30·19	+ ·02	58	56	− 1	NE	3	bc	1	64	56	0·02
‡London	30·18	67	NE	2	b	30·23	+ ·03	57	52	− 2	NNE	1	o	*	72	47	—
Oxford	30·19	60	NE	1	bmr	30·24	+ ·03	59	55	0	NE	1	bmr	*	71	48	—
Cambridge ...	30·18	61	N	1	b	30·23	+ ·03	59	55	− 1	N	1	o	*	69	46	—
‡Yarmouth ...	30·18	58	N	4	c	30·26	+ ·02	57	54	− 1	N	2	c	3	63	55	—
The Helder ...																	
Cape Gris Nez	30·18	58	NNE	5	bc	30·20	+ ·03	56	55	− 2	N	4	o	3	63	55	—
‡Jersey	30·16	63	ENE	3	bm	30·21	+ ·03	61	58	− 3	NE	2	bcm	2	69	55	—
Brest	30·12	69	E	4	b	30·19	+ ·04	58	54	− 1	E	4	b	2	75	54	—
Lorient	30·04	69	E	5	b	30·11	+ ·05	55	52	− 5	E	5	b	1	75	52	—
‡Rochefort ...	29·94	75	ENE	7	b	30·02	+ ·03	57	54	− 7	ENE	7	b	2	84	52	—
Biarritz	29·93	73	N	1	b	30·01	+ ·04	67	63	0	E	0	b	2	79	61	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*									*			
Charleville ...	30·14	57	NE	4	o	30·20	+ ·09	56	52	+ 1	NE	1	o	*	66	54	—
Paris	30·11	63	NNW	4	o	30·17	+ ·01	59	56	0	NW	4	o	*	*	*	—
Lyons	29·96	69	N	3	b	30·05	+ ·01	56	53	− 3	N	1	b	*	73	52	—
Toulon	29·86	79	W	4	b	29·93	+ ·12	71	63	− 5	NE	1	b	1	86	64	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·97	64	ENE	1	b	29·07	+ ·02	61	58	+ 4	E	0	b	*	69	49	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·06	58	55	NNW	8	b	4
Sumburgh Head	30·16	57	54	W	1	o	1
Stornoway ...	30·18	60	58	S	4	o	3
Aberdeen ...	30·20	60	55	S	3	b	1
Shields	30·22	59	56	E	2	b	2
Ardrossan ...	30·23	60	58	W	1	c	1
Mullaghmore ...	30·20	66	63	WSW	4	bc	2
Holyhead	30·23	61	59	N	3	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·18	71	68	SSW	2	bm	2
Scilly	30·16	68	63	ESE	4	bc	2
Dover	30·18	63	55	NNE	3	c	1
London ...	30·19	65	56	NE	2	bc	*
Yarmouth ...	30·18	60	55	N	3	c	3
Jersey	30·19	65	59	ENE	3	b	3
Rochefort ...	29·99	83	70	*	7	b	2
Ben Nevis 4406 ft. Dam on 8th	25·71	54	44	WNW	1	b	MAX. 55 MIN. 46 RAIN. —

There is no important change either in pressure, winds or weather. Sea is smooth both at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

THURSDAY 10TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Thursday 10th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
» → = forces above 10; ›→ = forces 8 to 10
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Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

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Valentia	29 . 965
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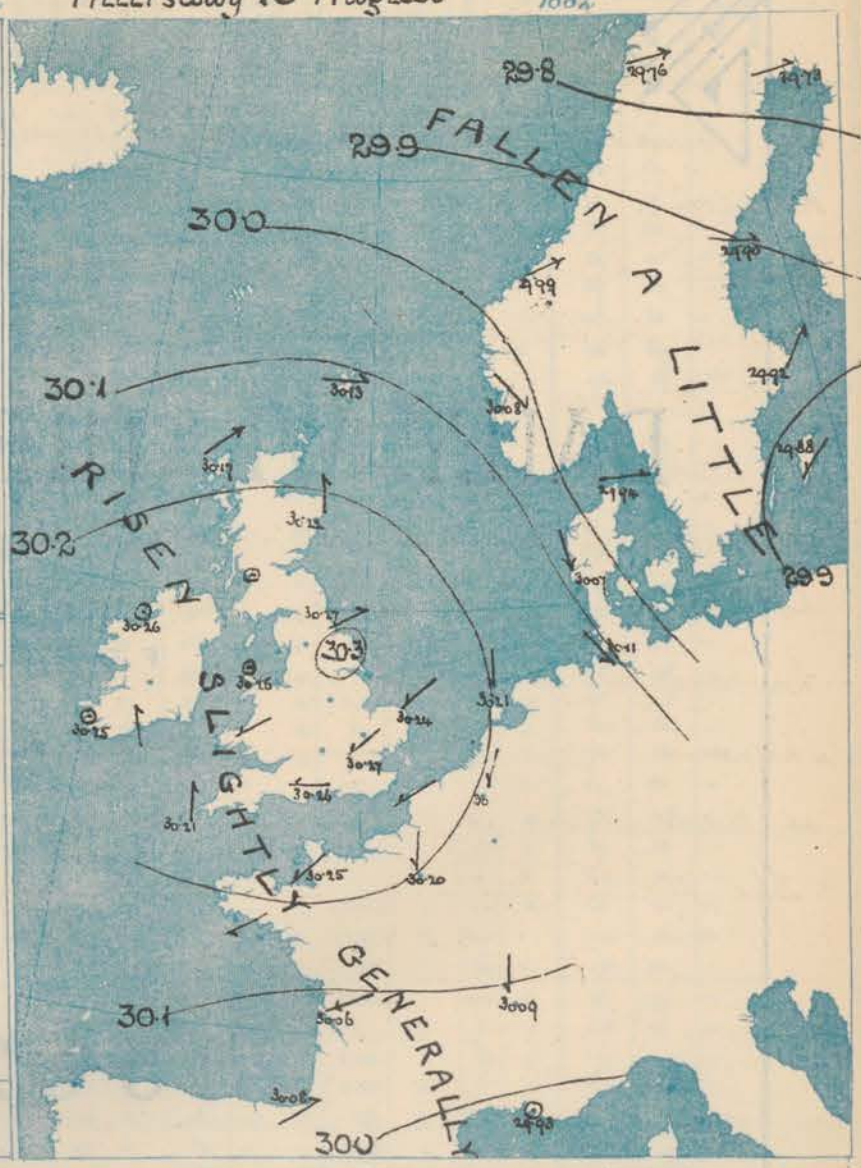
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

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York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
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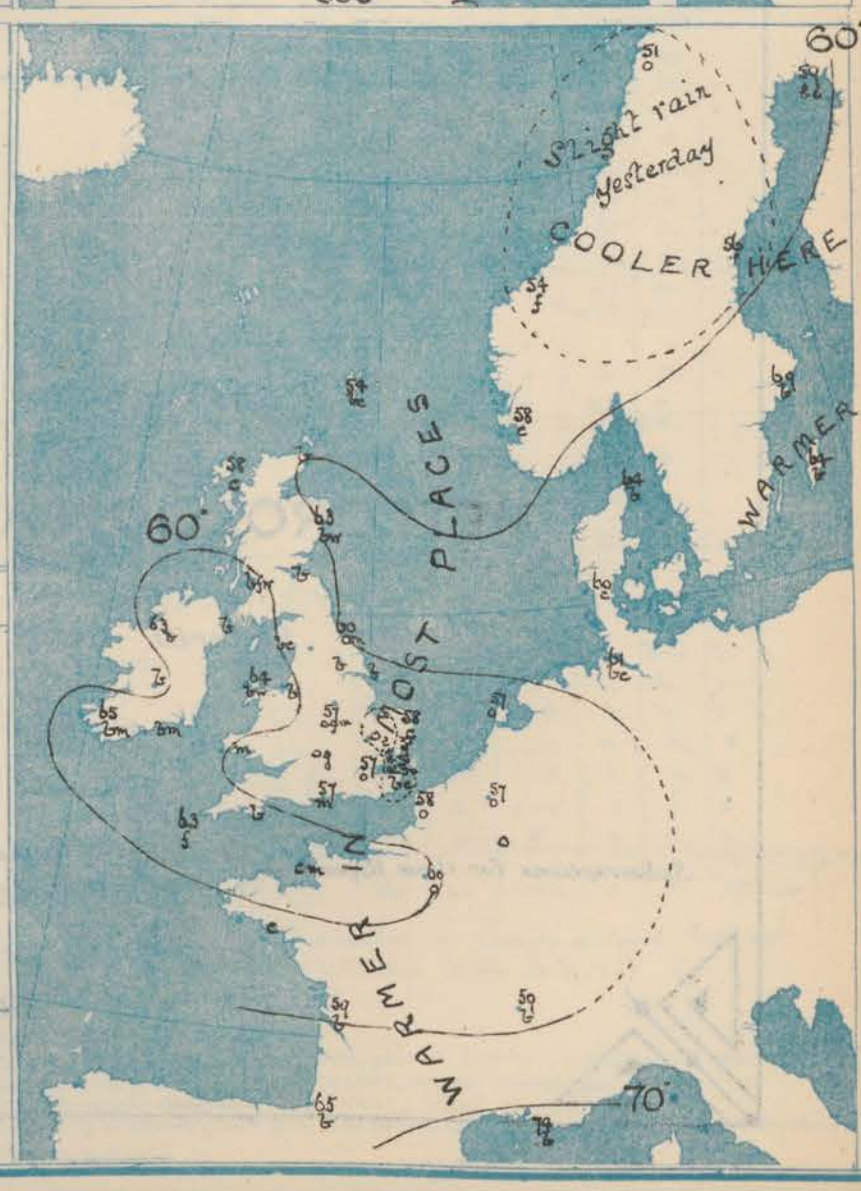

REMARKS

for THURSDAY 10th AUGUST 1882 at 8 a.m.

Since yesterday morning the changes in pressure over our Islands have been exceedingly slight and a large anticyclone still lies over the entire Kingdom. In Scandinavia, however, the barometer is falling somewhat decidedly while in France there is an inclination to rise, and it is therefore probable that the anticyclone will shortly travel slowly Southwards. SWly & Wly breezes still prevail in the N. of Scotland and NEly or Ely breezes in France and the South of England, while at the intermediate stations the wind is very light and variable. Fine weather prevails over all but our Midland districts, where the sky is overcast. Temperature has changed irregularly, and varies from 65° at Valencia to 54° in the Shetlands. At Loughboro' yesterday the thermometer rose to 79° and at Parsonstown to 78° but in London it did not exceed 70°.

The sea is slight or smooth generally.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

11th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SWly and Wly breezes, moderate or fresh; fair to cloudy.	6 SCOTLAND WEST	Same as Nos 1 and 2
2 SCOTLAND EAST	Variable to Wly airs; fine generally	7 ENGLAND N.W.	Variable airs; fine generally
3 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W.	Light variable breezes; fair, some mist.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Variable airs; fair on the whole
5 MIDLAND COUNTIES	Variable airs; cloudy to fine.	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
6 ENGLAND SOUTH	NEly winds, light; fair generally.	WARNINGS	NONE ISSUED

Fratt Dangerfield, 22 Salisbury Crescent Garden London

METEOROLOGICAL OBSERVATIONS FOR 10TH AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·82	59	Z	0	b	29·73	− ·18	59	50	+ 2	W	2	bc	*	73	52	—
Hernösand	29·91	60	Z	0	b	29·90	− ·08	56	54	− 6	WNW	2	r	*	73	?	0·04
Stockholm	29·93	61	Z	0	b	29·92	− ·01	69	61	+ 7	SW	2	b	*	73	59	—
Wisby	29·88	62	NE	2	b	29·88	·00	64	60	+ 2	NE	2	b	*	70	59	—
Bodö	29·80	57	SW	6	o	29·76	− ·18	51	48	− 5	W	6	o	4	57	50	0·71
Christiansund ...	30·01	59	W	6	c	29·99	− ·05	54	52	− 3	WSW	5	f	3	57	50	0·16
‡Skudesnaes ...	30·11	54	NW	4	c	30·08	·00	58	55	+ 4	NW	4	c	3	?	54	—
Oxö (Xtiansund) ..	29·99	63	SW	4	b	29·93	− ·10	64	59	+ 1	NW	2	c	1	68	57	—
Skagen (The Skaw)	29·98	62	Z	0	b	29·94	− ·07	64	61	− 1	W	4	b	2	77	57	—
Fanö ...	30·07	59	NW	4	c	30·07	+ ·04	60	57	− 2	NNW	6	c	*	68	55	—
Cuxhaven ..	30·07	?	NW	3	o	30·11	+ ·11	61	59	− 2	NW	3	bc	*	63	55	—
‡Sumburgh Head	30·12	55	W	4	f	30·13	·00	54	52	− 2	W	3	bc	2	59	50	0·01
‡Stornoway ..	30·24	59	W	4	o	30·17	− ·03	58	56	0	SW	5	c	4	62	53	—
Wick	30·21	59	N	2	m	30·16	− ·04	60	57	+ 1	SE	1	b	0	67	50	—
Nairn ...	30·23	67	Z	0	b	30·20	− ·03	58	55	− 1	Z	0	b	0	70	49	—
‡Aberdeen ...	30·24	63	S	1	c	30·22	− ·01	63	58	+ 3	S	1	bw	0	70	48	—
Leith	30·23	64	ENE	1	b	30·24	·00	59	54	+ 1	WNW	1	b	*	69	47	—
‡Shields	30·27	56	WNW	1	o	30·27	+ ·03	60	57	+ 4	WSW	1	bm	2	60	54	—
Spurn Head ..	30·23	56	NNE	3	o	30·27	+ ·05	59	55	+ 4	NNE	2	b	2	60	54	—
York	30·24	63	E	1	o	30·31	+ ·08	57	54	+ 3	SW	1	b	*	70	52	—
Loughborough	30·19	71	NE	1	c	30·29	+ ·08	57	53	0	NE	1	ogm	*	79	52	—
‡Ardrossan ..	30·25	65	WNW	2	c	30·27	+ ·01	60	57	+ 2	Z	0	bfw	0	69	50	—
‡Mullaghmore ...	30·28	66	WNW	1	bm	30·26	·00	63	59	+ 5	E	1	b	1	? 69	57	—
Donaghadee ...	30·28	60	N	3	bc	30·28	·00	61	59	0	NE	2	b	0	65	49	—
Parsonstown ...	30·26	78	Z	0	bc	30·29	+ ·01	57	55	+ 5	NNW	1	b	*	78	48	—
Barrow-in-Furness	30·21	65	NW	3	b	30·26	+ ·05	58	56	+ 1	ESE	2	bc	2	67	55	—
‡Holyhead ...	30·26	61	WNW	2	bc	30·26	·00	64	61	+ 9	S	1	bw	0	66	54	—
Liverpool (Bidston)	30·24	63	WNW	2	b	30·26	+ ·02	61	59	+ 5	SE	1	b	1	63	55	—
‡Valencia	30·28	66	WSW	2	bm	30·25	+ ·01	65	62	+ 4	Z	0	bm	1	73	52	—
Roche's Point...	30·25	65	S	2	bc	30·27	+ ·01	61	59	+ 1	SE	2	bc	3	68	54	—
Pembroke ..	30·21	64	N	3	b	30·24	+ ·02	60	58	− 2	ENE	1	m	0	68	57	—
‡Scilly	30·22	64	NNE	1	of	30·21	·00	63	63	+ 3	S	1	f	1	67	58	—
Prawle Point ...	30·23	60	SSE	1	b	30·24	+ ·02	62	58	− 3	N	1	b	0	68	52	—
Hurst Castle	30·22	63	SW	3	b	30·26	+ ·05	57	56	− 4	E	4	m	3	69	52	—
‡Dover	30·20	61	NE	2	cy	30·24	+ ·05	58	54	0	ENE	4	bc	2	63	56	0·03
‡London	30·20	67	ENE	1	bm	30·27	+ ·04	57	54	0	NE	2	o	*	70	55	—
Oxford	30·21	64	Z	0	c	30·28	+ ·04	56	53	− 3	NE	1	og	*	73	54	—
Cambridge ..	30·21	64	NE	1	bc	30·27	+ ·04	58	56	− 1	NE	1	o	*	75	57	0·01
‡Yarmouth ...	30·22	59	NNE	3	cN	30·24	+ ·04	58	55	+ 1	NE	4	c	3	61	55	—
The Helder ...	30·19	57	N	1	o	30·21		57	55		N	1	o	1	61	53	—
Cape Gris Nez	30·19	60	N	4	o	30·22	+ ·02	58	55	+ 2	N	5	o	4	68	54	—
‡Jersey	30·21	62	ENE	3	bm	30·25	+ ·04	62	59	+ 1	NE	2	cm	2	67	54	—
Brest																	
Lorient	? 30·12	66	ENE	4	bc	? 30·15	+ ·02	55	54	0	ENE	4	c	1	70	54	—
‡Rochefort ...	30·02	73	NE	5	b	30·06	+ ·04	59	55	+ 2	ENE	5	b	2	82	52	—
Biarritz	30·06	68	N	4	b	30·08	+ ·07	65	62	− 2	SW	3	b	1	73	57	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	? 30·19		57	55		NNE	3	o	*	62	55	0·04
Charleville ...	30·12	61	N	7	bc	? 30·15	− ·05	59	57	+ 3	NE	?	o	*	64	55	—
Paris	30·16	63	NNE	3	o	30·20	+ ·03	60	58	+ 1	N	1	o	*	*	*	—
Lyons	30·01	71	N	3	b	30·09	+ ·04	59	56	+ 3	N	1	b	*	75	55	—
Toulon	29·95	72	W	5	b	29·95	+ ·05	74	60	+ 3	Z	0	b	1	79	66	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29·02	63	SE	1	bc	29·06	+ ·05	58	55	− 3	Z	0	bm	*	70	48	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·14	57	52	NNW	6	c	4
Sumburgh Head	30·13	57	56	W	4	m	3
Stornoway ...	30·24	60	58	WSW	4	o	3
Aberdeen ...	30·24	64	58	SSE	2	c	0
Shields	30·25	58	56	E	1	o	2
Ardrossan ...	30·25	68	64	W	2	bc	1
Mullaghmore ...	30·29	66	64	NNW	2	cm	2
Holyhead	30·27	62	59	NNW	3	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30·27	72	68	WSW	2	bm	3
Scilly	30·23	66	63	NW	1	b	1
Dover	30·20	62	57	NE	2	cp	1
London ...	30·22	64	57	NE	1	b	*
Yarmouth ...	30·22	61	57	NNE	3	bc	3
Jersey	30·21	65	59	ENE	2	c	2
Rochefort ...	30·04	81	68	E	5	b	2

							MAX	MIN	RAIN
Ben Nevis 4406 ft. 9 am on 3rd	25·73	46	42	NNE	3	bc	60	41	—

There is no important change. Sea is slight at Holyhead, smooth at Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

FRIDAY 11TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s. per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield, Lith. & Printer, 5, Cross Gaiter

WEATHER CHARTS

for 8 a.m. on Friday 11th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

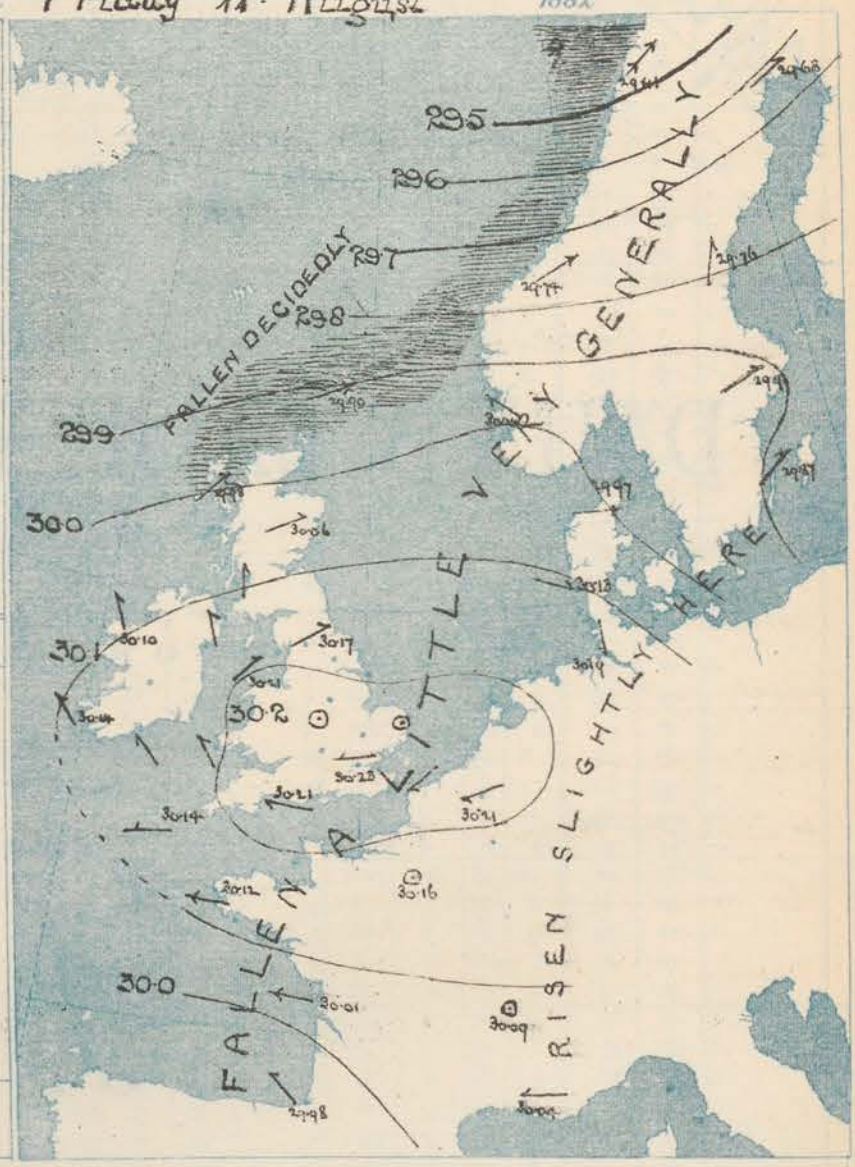
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus— = forces above 10; = forces 8 to 10; = forces 5 to 7; = forces 1 to 4; ⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

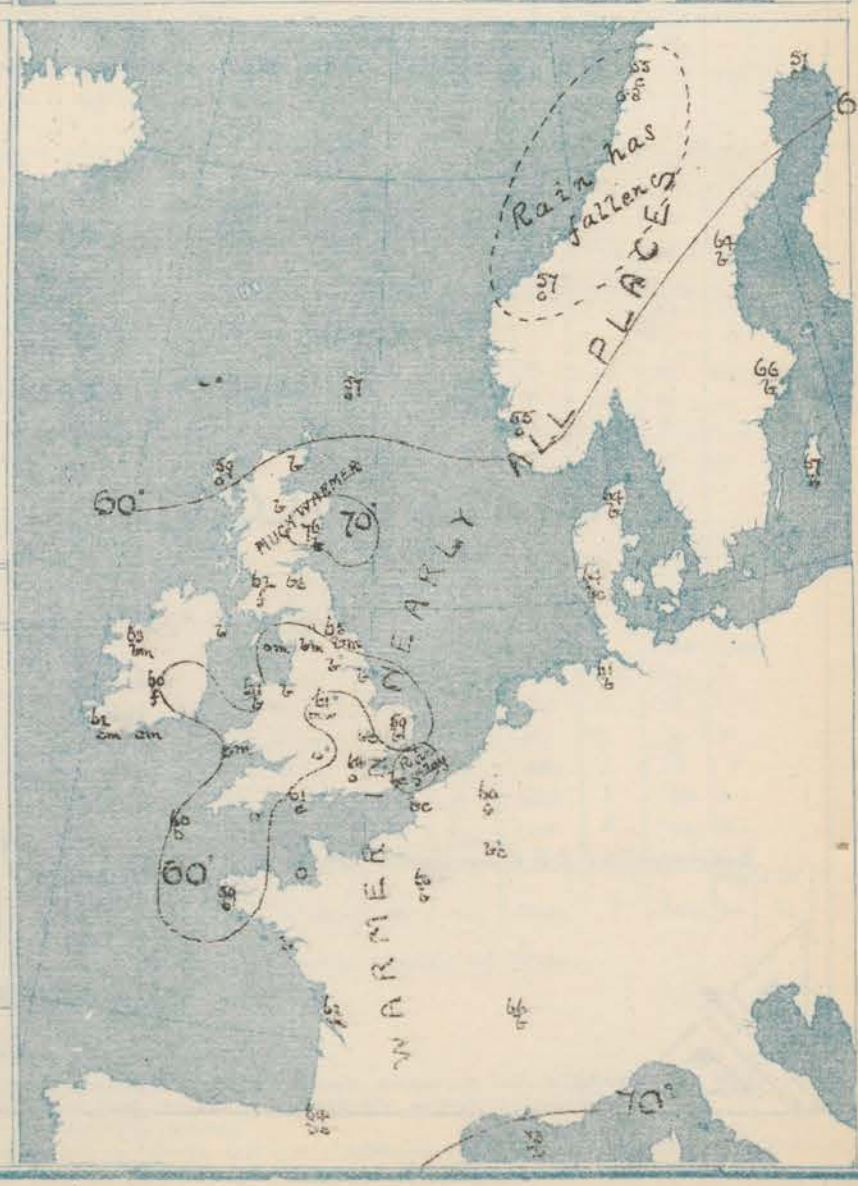
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	58·6	3.53
Valentia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY 11th AUGUST 1882 at 8 a.m.

The barometer is falling generally and the central area of the anticyclone is now confined to the Southern parts of England, while depressions are travelling in an Easterly direction towards the W. of Norway. In addition some smaller disturbances are advancing over the Bay of Biscay. Strong SW^ly winds are blowing in the extreme N. of Scotland, and moderate SE^ly breezes have set in over Ireland but in the S. of England E^ly airs continue. In the N. of France the E^ly wind has freshened considerably. The weather is still dull over the Southern parts of the midland counties as well as in the N. of Scotland, but elsewhere it is generally fine. Temperature has risen in most places, quickly in the E. of Scotland, - and at Aberdeen the reading is now as high as 76°, while a maximum of 79° is reported to ~~have~~ been reached some time this morning. At Leith the thermometer yesterday rose to 82° and at Nairn to 80°, but in London the maximum was only 63°. The sea is rather rough in the extreme N, slight or smooth elsewhere.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

12th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	SW^ly winds, fresh or strong; cloudy, some rain.	6 SCOTLAND WEST	SW^ly winds, light; cloudy.
1 SCOTLAND EAST	W^ly and SW^ly winds, light or moderate; fair generally	7 ENGLAND N.W.	SW^ly winds, light; fine generally
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W.	E^ly and SE^ly winds, light; cloudy.
3 ENGLAND EAST	Calms, or variable airs; fair generally	9 IRELAND NORTH	SE^ly to S^ly winds, light or moderate fair to cloudy and unsettled.
4 MIDLAND COUNTIES	..... D° ..... D° ..... D°	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	E^ly winds, light; fair generally	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 11TH AUGUST 1882.

STATIONS	YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 6).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda	29·71	54	NW	2	o	29·68	— ·05	57	50	— 2	SW	4	c	*	68	54	—
Hernösand	29·87	55	Z	0	b	29·76	— ·14	64	59	+ 8	SSW	2	b	*	75	55	—
Stockholm	29·93	62	ENE	2	b	29·91	— ·01	66	62	— 3	WSW	2	b	*	79	55	—
Wisby	29·87	64	S	2	b	29·87	— ·01	67	64	+ 3	SW	2	b	*	79	57	—
Bodö	29·75	48	WSW	4	o	29·41	— ·35	55	50	+ 4	SW	8	c	6	?	46	0·78
Christiansund	29·87	56	SW	5	c	29·74	— ·25	59	55	+ 3	SW	7	o	5	57	50	0·04
‡Skudesnaes	30·14	54	WNW	2	c	30·04	— ·04	55	53	— 3	ESE	2	o	3	59	54	—
Oxö (Christiansand)	29·93	58	W	2	b	30·02	+ ·09	63	59	— 1	WSW	4	b	2	70	57	—
Skagen (The Skaw)	29·96	60	NW	2	b	29·97	+ ·03	64	59	0	W	5	b	3	72	52	—
Fanö	30·15	55	NNW	4	c	30·13	+ ·06	64	60	+ 4	NW	4	bc	*	66	54	—
Cuxhaven	30·14	?	NNW	3	bc	30·19	+ ·08	61	59	0	NNW	2	b	*	61	55	
‡Sumburgh Head	30·00	57	WSW	5	o	29·90	— ·23	57	55	+ 3	WSW	6	o	6	59	52	—
‡Stornoway	30·09	59	WSW	6	c	29·98	— ·19	59	57	+ 1	SW	6	o	5	68	55	—
Wick	30·07	67	W	3	bc	29·98	— ·18	62	56	+ 2	NW	1	b	1	?	52	—
Nairn	30·10	69	W	1	b	30·02	— ·18	67	60	+ 9	W	2	b	1	80	57	—
‡Aberdeen	30·10	68	W	1	b	30·00	— ·16	76	66	+ 13	WSW	1	b	0	79	51	—
Leith	30·19	76	WNW	4	b	30·13	— ·11	61	56	+ 4	W	1	bc	*	82	50	—
‡Shields	30·19	66	NE	1	b	30·17	— ·10	65	60	+ 5	WSW	2	bm	2	76	52	—
Spurn Head	30·24	62	ESE	3	b	30·22	— ·05	60	57	+ 1	SSW	1	b	2	68	55	—
York	30·24	69	S	2	b	30·22	— ·09	58	55	+ 1	S	1	b	*	75	49	—
Loughborough	30·25	67	E	2	b	30·24	— ·05	61	57	+ 4	Z	0	nm	*	71	44	—
‡Ardrossan	30·19	65	SSW	1	bm	30·14	— ·13	62	60	+ 2	S	1	cfw	1	68	53	—
‡Mullaghmore	30·18	75	Z	0	b	30·10	— ·16	63	59	0	SSE	4	bm	2	76	62	—
Donaghadee	30·21	69	SE	2	b	30·17	— ·11	68	60	0	SSE	2	b	0	70	51	—
Parsonstown	30·19	78	ESE	1	b	30·17	— ·12	60	59	+ 3	Z	0	f	*	80	55	—
Barrow-in-Furness	30·21	68	NW	1	b	30·20	— ·06	58	56	0	ESE	2	sm	1	71	56	—
‡Holyhead	30·22	65	WNW	2	b	30·21	— ·05	61	59	— 3	SW	2	b	1	72	56	—
Liverpool (Bidston)	30·22	66	NNE	1	b	30·21	— ·05	59	55	— 2	SE	1	b	1	71	52	—
‡Valencia	30·18	69	W	1	b	30·14	— ·11	62	60	— 3	SE	2	cm	3	77	52	—
Roche's Point	30·26	62	SE	3	o	30·20	— ·07	65	62	+ 4	SE	2	cm	2	69	55	—
Pembroke	30·22	71	ESE	2	m	30·18	— ·06	60	55	0	SE	2	cm	1	63	59	—
‡Scilly	30·20	63	ESE	3	bem	30·14	— ·07	61	56	— 2	ESE	3	o	1	68	59	—
Prawle Point	30·24	61	WNW	3	o	30·24	·00	59	56	— 3	E	3	o	2	?65	49	—
Hurst Castle	30·24	61	E	2	m	30·21	— ·05	61	57	+ 4	ESE	2	c	2	63	59	—
‡Dover	30·24	62	NE	4	bc	30·21	— ·03	60	57	+ 2	SE	2	bc	1	64	56	0·03
‡London	30·25	62	NE	1	og	30·23	— ·04	61	58	+ 4	E	2	o	*	63	59	—
Oxford	30·25	60	Z	0	c	30·23	— ·05	59	55	+ 3	E	1	o	*	62	51	—
Cambridge	30·25	64	NE	1	bc	30·22	— ·05	61	58	+ 3	E	1	bc	*	65	46	—
‡Yarmouth	30·27	61	NE	3	bem	30·24	·00	59	57	+ 1	Z	0	b	2	63	49	—
The Helder																	
Cape Gris Nez	30·23	61	NE	5	c	30·21	— ·01	61	58	+ 3	NE	3	bc	2	66	59	—
‡Jersey	30·22	62	ENE	3	o	30·17	— ·08	61	60	— 1	NE	2	om	2	66	58	—
Brest	30·17	64	E	3	m	30·12	— ·09	59	57	+ 2	ESE	5	o	3	72	53	—
Lorient	? 30·10	66	ENE	5	bc	? 30·06	— ·09	58	56	+ 3	ESE	5	b	2	70	54	—
‡Rochefort	30·02	77	NE	5	b	30·01	— ·05	62	59	+ 3	ESE	7	m	2	84	54	—
Biarritz	30·04	69	N	5	b	29·98	— ·10	64	63	— 1	SE	3	bc	2	73	59	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·21	+ ·02	60	56	+ 3	ENE	3	o	*	64	56	—
Charleville	? 30·16	62	ENE	8	bc	? 30·16	+ ·01	63	59	+ 4	ENE	5	bc	*	73	56	—
Paris	30·16	68	?	3	c	30·16	— ·04	60	56	0	Z	0	b	*	*	*	—
Lyons	30·03	74	NE	1	b	30·09	·00	66	60	+ 7	W	1	b	*	77	56	—
Toulon	29·95	74	W	7	b	30·04	+ ·06	73	67	— 1	E	3	b	1	81	66	—
HIGH LEVEL STATION.						Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.											
Hawes Junction	29·01	68	Z	0	b	28·98	— ·08	59	55	+ 1	SSE	1	bm	*	71	49	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·10	59	54	WNW	6	c	4
Sumburgh Head	30·06	56	54	WSW	4	o	3
Stornoway	30·11	63	60	SW	6	c	5
Aberdeen	30·14	69	63	S	2	b	0
Shields	30·22	45	63	WSW	2	bm	2
Ardrossan	30·24	66	63	SSW	1	b	1
Mullaghmore	30·24	70	65	NNE	1	b	1
Holyhead	30·28	65	61	WNW	2	b	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30·22	65	71	W	1	bm	2
Scilly	30·22	69	63	S	3	bc	1
Dover	30·24	62	59	E	4	b	3
London	30·27	61	56	ENE	2	og	*
Yarmouth	30·27	62	58	NE	3	bc	3
Jersey	30·24	62	59	ENE	3	o	3
Rochefort	30·06	82	69	ENE	5	b	2
Ben Nevis (4406 ft.) 8 am on 10th	25·77	52	42	WNW	4	b	MAX 68, MIN 48, RAIN —

The barometer is falling on our W and N coasts, and the SW wind at Stornoway has freshened to a strong breeze. Elsewhere there is little change.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY 12TH AUGUST.

1882

ISSUED BY THE

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S. W.

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ROBERT H. SCOTT
(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Saturday 12th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

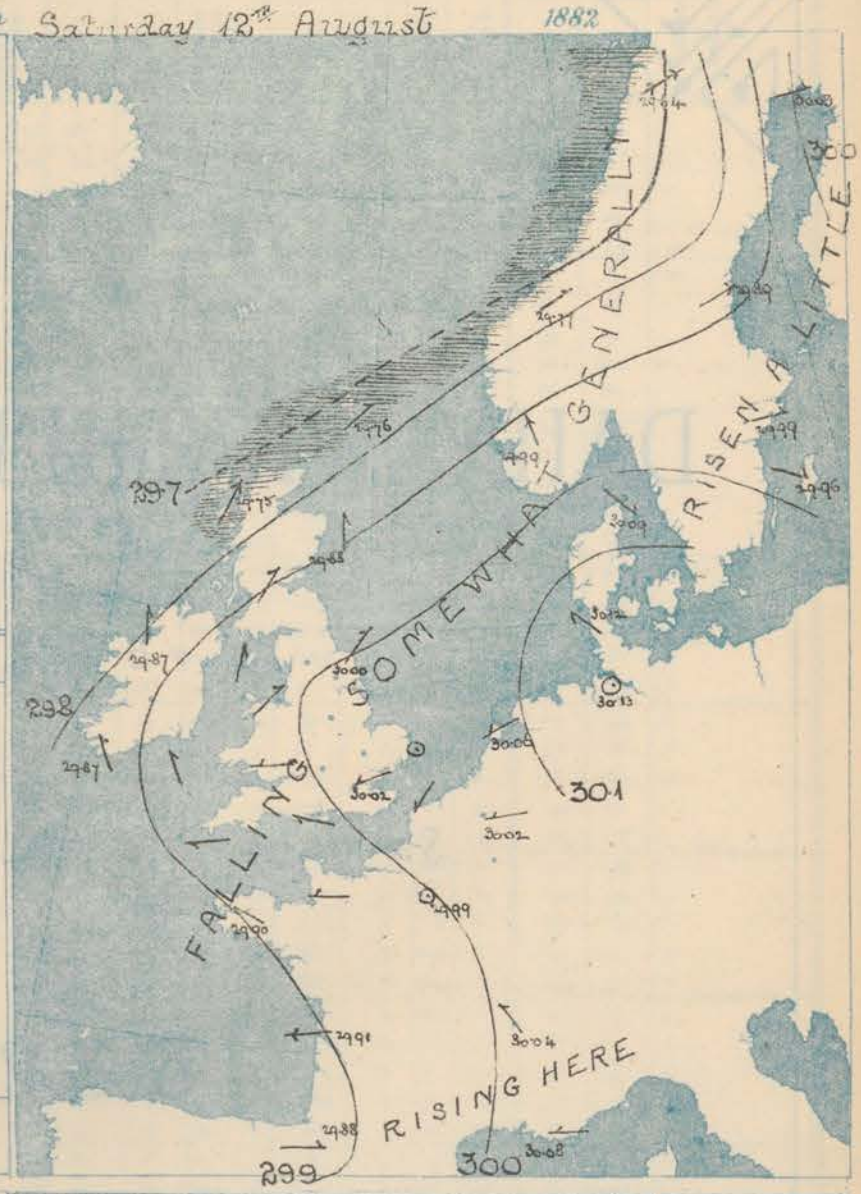
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valenaa	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

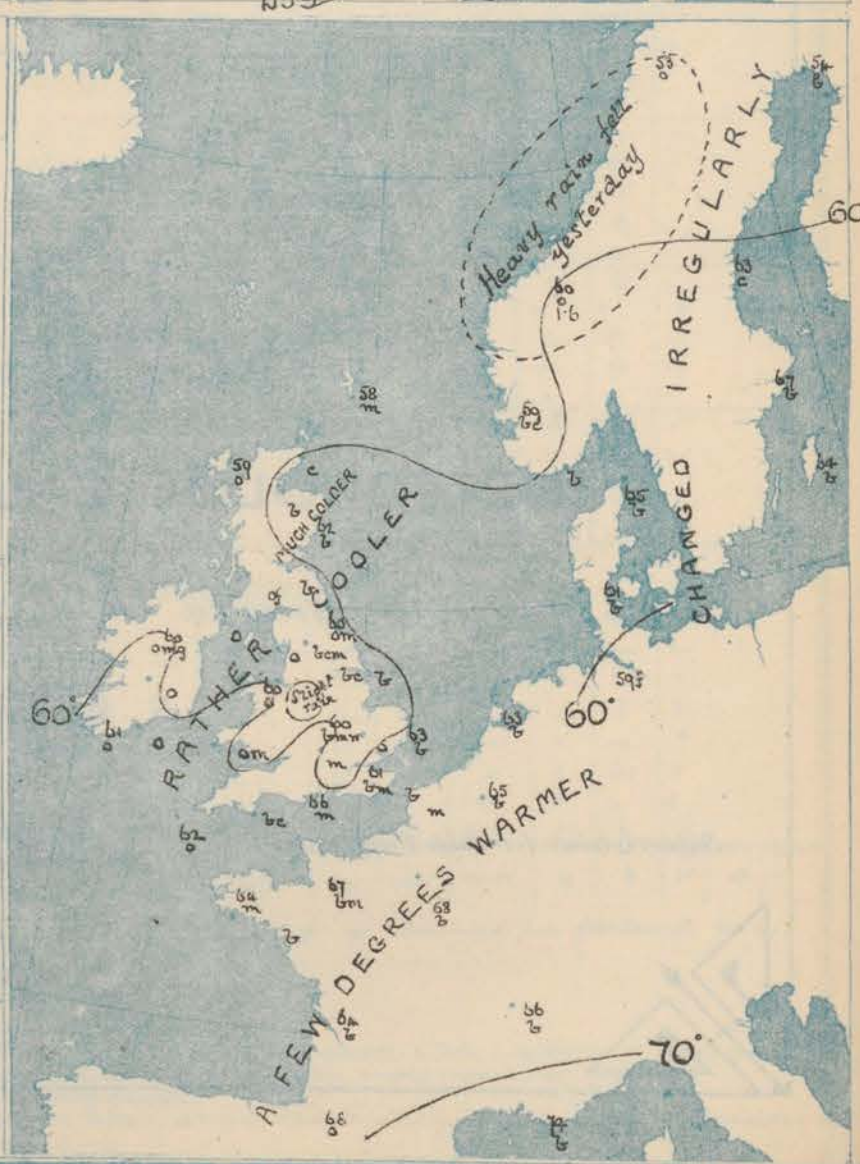
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·6 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valenaa	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY 12th AUGUST 1882 at 8 a.m.

The barometer continues to fall at all but the Swedish stations – most in the W. of Ireland – and the area of highest pressure now lies over the South of Denmark. Easterly breezes are still reported from France and our Southern stations, but in Ireland the wind is S.W., while in Scotland it remains S.W. It blows strongly at Stornoway, but is light or moderate elsewhere. The sky has cleared considerably over our midland counties, and fine weather now prevails in all the more E. and S. districts, but in the W it has become overcast. Temperature has risen a little in the S., but fallen in the N, and readings range from 66° at Hurst Castle & Dover to 58° at Sumburgh Head and Leith, and only 53° at Oxford. In the E of Scotland the thermometer yesterday rose to a little above 80°, but in London it only reached 71°. The sea is rough in the extreme N, moderate in the west, smooth in the E. & S.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

13th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	S.W. to S.W. winds, fresh or strong; cloudy, some rain.	6 SCOTLAND WEST	S.W. winds, light; cloudy.
1 SCOTLAND EAST	S.W. and S.W. winds, light or moderate; fine to cloudy.	7 ENGLAND N.W.	..... D° ..... D° ..... D° .....
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W.	E.N.E. to S.E. winds, light or moderate; cloudy
3 ENGLAND EAST	Calms, or S.E. airs; fair generally.	9 IRELAND NORTH	S.W. winds, moderate or fresh; cloudy, some rain.
4 MIDLAND COUNTIES	..... D° ..... D° ..... D°	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	E.N.E. or S.E. winds, light; fine and warm to cloudy.	WARNINGS	NONE ISSUED

Fredk Hengerfield & Sons Ld 3 Green Garden Lond

METEOROLOGICAL OBSERVATIONS FOR 12th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Min.	Amount of Rainfall.
Haparanda ...	29·52	60	SW	4	o	30·03	+ ·35	54	45	− 3	W	4	b	*	64	50	—
Hernösand	29·73	59	Z	o	be	29·89	+ ·13	63	55	− 1	WSW	2	c	*	73	52	—
Stockholm ...	29·85	66	W	2	b	29·99	+ ·08	67	58	+ 1	W	2	b	*	79	55	—
Wisby	29·86	64	W	2	b	29·96	+ ·09	64	60	− 3	NW	4	b	*	77	61	—
Bodö ...	29·48	53	SW	9	c	29·64	+ ·23	53	50	− 2	WSW	8	o	6	55	48	0·12
Christiansund...	29·80	54	WSW	6	r	29·77	+ ·03	60	57	+ 3	SW	3	o	5	61	50	1·58
‡Skudesnaes ...	30·01	58	SSE	1	o	29·99	− ·05	59	56	+ 4	SSE	6	be	4	61	55	—
Oxö (Xtiansund) ...	30·05	62	WSW	4	be	30·06	+ ·04	63	59	0	SW	2	b	1	66	55	—
Skagen (The Skaw)	30·00	63	W	4	b	30·09	+ ·12	65	60	+ 1	NW	2	b	1	68	57	—
Fanö ...	30·13	55	WNW	1	b	30·12	− ·01	61	60	− 3	SE	1	b	*	64	50	—
Cuxhaven ..	30·20	?	NW	2	b	? 30·13	− ·06	59	58	− 2	Z	0	f	*	64	55	—
‡Sumburgh Head	29·88	58	WSW	3	o	29·76	− ·14	58	56	+ 1	SW	2	m	5	61	53	—
‡Stornoway ...	29·86	58	SSW	7	m	29·75	− ·23	59	56	0	SSW	7	o	6	60	56	—
Wick	29·89	65	SW	3	be	29·78	− ·20	62	58	0	SW	3	c	2	79	56	—
Nairn ...	29·92	71	W	1	c	29·82	− ·20	64	60	− 3	WSW	2	b	1	80	60	—
‡Aberdeen ...	29·97	70	S	1	be	29·88	− ·18	62	58	− 14	S	4	b	1	81	54	—
Leith	30·01	76	W	1	be	29·92	− ·21	58	56	− 3	E	1	b	*	82	50	—
‡Shields	30·05	74	SW	2	bm	30·00	− ·17	60	56	− 5	SW	1	om	2	77	52	—
Spurn Head ..	30·12	61	SE	4	b	30·04	− ·18	58	57	− 2	SSE	2	b	2	69	54	—
York	30·10	71	S	2	b	30·03	− ·19	55	54	− 3	SSE	1	be	*	75	50	—
Loughborough .	30·09	70	W	1	be	30·02	− ·22	60	58	− 1	Z	0	bnm	*	75	50	—
‡Ardrossan ...	30·00	65	SSW	3	bef	29·92	− ·21	60	60	− 2	SSW	1	of	1	69	58	—
‡Mullaghmore ...	30·00	65	WNW	3	c	29·87	− ·23	60	58	− 3	S	4	og m	3	70	57	—
Donaghadee ...	30·02	61	SSE	4	be	29·94	− ·23	60	59	− 1	SSW	3	o	1	71	56	—
Parsonstown ...	30·02	68	Z	o	c	29·93	− ·22	59	57	− 1	S	1	o	*	72	57	—
Barrow-in-Furness	30·09	63	NW	2	b	30·00	− ·22	58	56	0	SE	2	o	1	68	56	—
‡Holyhead ...	30·10	62	WNW	1	b	29·99	− ·22	60	55	− 1	SW	2	o	1	72	55	—
Liverpool (Bidston)	30·09	66	WNW	1	b	30·00	− ·21	59	54	− 2	SSE	1	o	1	72	52	—
‡Valencia	30·04	64	SW	2	bm	29·87	− ·27	61	60	− 1	SSE	4	o	4	68	58	0·01
Roche's Point ...	30·08	62	SSW	4	c	29·91	− ·24	62	60	− 3	SSE	4	o	3	68	55	—
Pembroke ...	30·09	60	SSE	2	o	29·95	− ·23	59	56	− 1	E	2	om	1	63	55	—
‡Scilly ...	30·06	62	E	5	c	29·89	− ·25	62	61	+ 1	E	4	om	2	64	58	—
Prawle Point ...	30·09	60	ENE	2	?b	29·95	− ·29	63	62	+ 4	NE	3	be	1	? 68	46	—
Hurst Castle ...	30·10	66	ESE	3	b	29·99	− ·22	66	62	+ 5	ESE	1	m	1	70	54	—
‡Dover ...	30·11	63	ENE	4	b	30·01	− ·20	66	61	+ 6	NE	3	b	1	66	58	—
‡London	30·12	63	ESE	1	c	30·02	− ·21	61	59	0	NE	2	bm	*	71	52	—
Oxford	30·10	59	ESE	1	b	30·02	− ·21	58	53	− 6	NE	1	m	*	66	47	—
Cambridge ..	30·15	75	E	1	b	30·01	− ·24	60	55	− 1	SE	1	o	*	76	49	—
‡Yarmouth ..	30·15	63	ESE	2	b	30·04	− ·20	63	62	+ 4	Z	0	b	1	65	57	—
The Helder ...	30·14	60	N	1	b	30·06		63	60		ENE	1	b	1	70	59	—
Cape Gris Nez	30·20	63	NE	4	b	30·03	− ·18	63	60	+ 2	E	1	m	0	66	57	—
‡Jersey	30·07	65	ENE	3	b	29·96	− ·21	67	65	+ 6	E	1	bm	1	70	59	—
Brest	30·01	67	ENE	3	b	29·90	− ·22	64	61	+ 5	ESE	4	m	2	75	59	—
Lorient	29·95	72	NW	1	b	29·85	− ·21	64	62	+ 6	E	4	b	1	77	55	—
‡Rochefort ...	29·90	82	ENE	3	b	29·91	− ·20	64	63	+ 2	E	5	b	0	77	57	—
Biarritz	29·85	59	E	4	b	29·88	− ·10	68	65	+ 12	W	4	o	2	91	59	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·02	− ·19	65	62	+ 5	E	1	b	*	71	55	—
Charleville ...	30·06	73	ENE	3	b	? 30·02	− ·14	62	58	− 1	ENE	1	b	*	79	51	—
Paris	30·04	73	NNE	1	bc	29·99	− ·17	68	62	− 8	NNE	1	b	*	*	*	—
Lyons	29·99	79	NNE	1	b	30·04	− ·05	66	59	0	SE	1	b	*	85	59	—
Toulon	30·04	58	Z	o	b	30·08	+ ·04	74	62	+ 1	E	1	b	1	84	?	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·86	62*	S	1	b	28·77	− ·21	59	53	− 2	SSW	1	bcm	*	74	46	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30·01	60	56	SSW	2	b	2
Sumburgh Head	29·90	60	56	WSW	6	o	6
Stornoway ...	29·93	60	58	SSW	6	o	5
Aberdeen ...	30·01	59	62	SSW	4	b	0
Shields	30·09	77	64	SW	2	bm	2
Ardrossan ...	30·07	67	65	SSW	2	be	1
Mullaghmore ...	30·04	70	63	SW	4	bm	2
Holyhead	30·14	65	59	SW	3	b	2
Valencia	30·10	65	63	S	3	bm	4
Scilly	30·11	63	61	ESE	4	o	2
Dover	30·17	63	58	ENE	4	b	2
London ...	30·17	66	59	E	1	o	*
Yarmouth ...	30·20	64	60	ESE	2	b	2
Jersey	30·11	69	64	ENE	3	b	3
Rochefort	29·95	93	77	ENE	2	b	1
Ben Nevis (4406 ft.) 9 a.m. on 11th	25·65	52	49	SW	5	bc	MAX 58, MIN 49, RAIN —

The barometer continues to fall generally, but the winds and weather are very little changed. Temperature is very high in the E. of Scotland and NE. of England, but on our SE. coast it remains low. Sea is smooth both at Holyhead and Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY 13TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Frank Temperley Lith. 24 Hatton St. Covent Garden

WEATHER CHARTS

for 8 a.m. on Sunday 13th August *1882*

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
= forces above 10; = forces 8 to 10
= forces 5 to 7; = forces 1 to 4;
⊙ = dead calm.

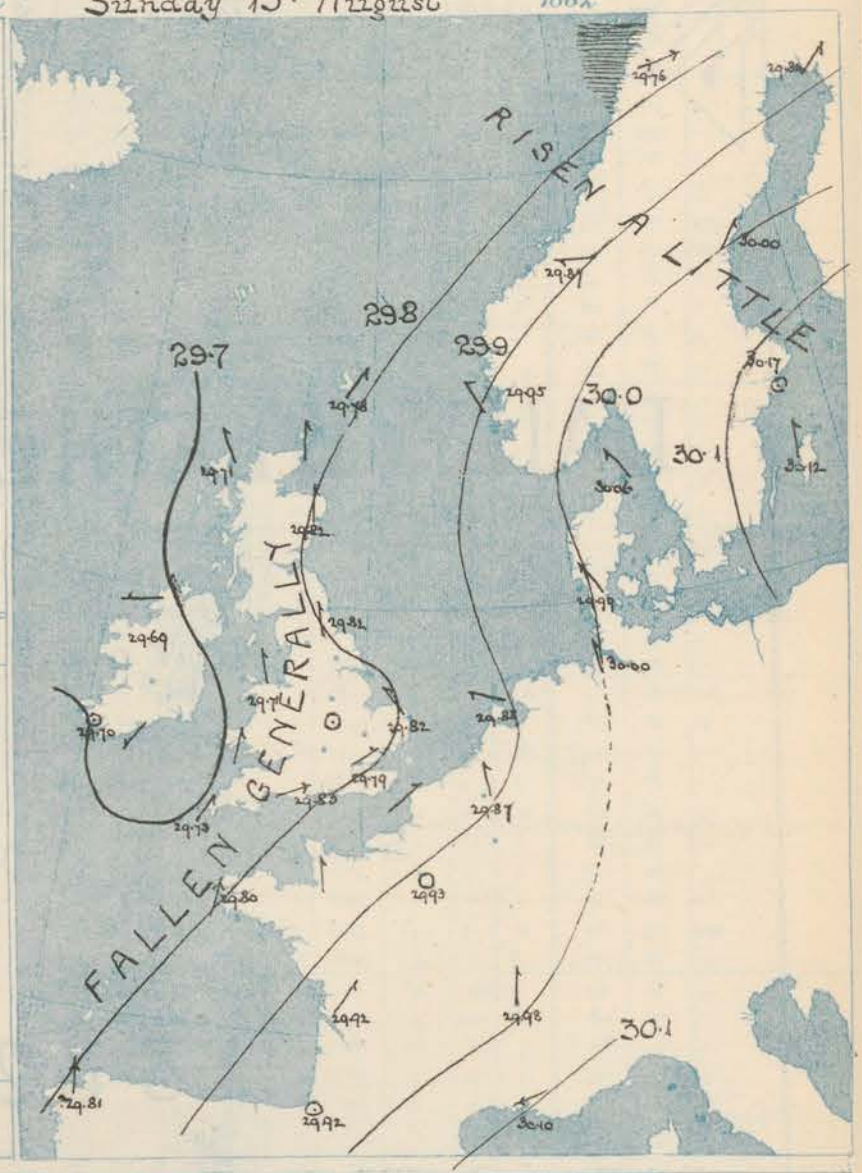
Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

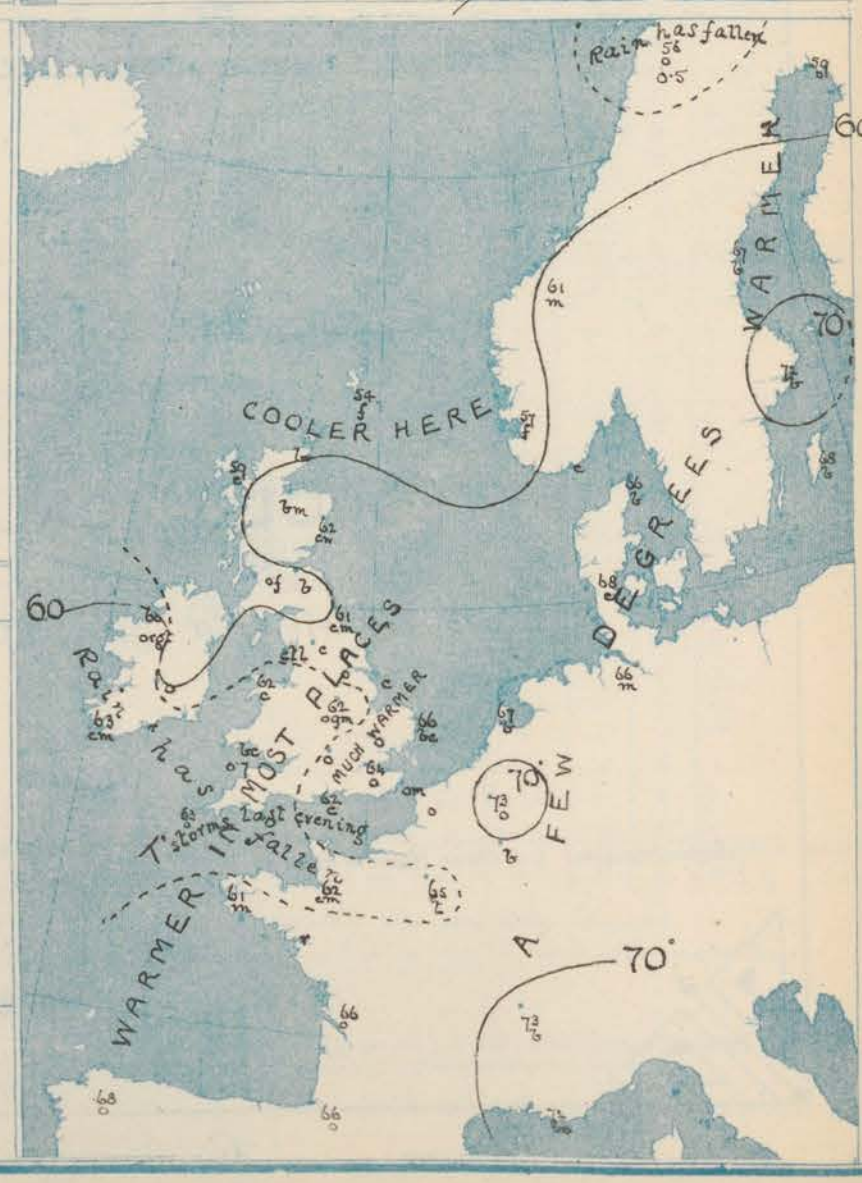
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 13th August 1882 at 8 a.m.

The barometer is rising decidedly at the Scandinavian stations, and slightly in the S of France, but in all other places it continues to fall steadily. Two areas of relatively high readings now exist – one over the Baltic, and the other over the S. of France, while small shallow depressions are passing across our Islands from the Swd. Light S.ly or SE.ly breezes prevail in the N. and E., but in the S. the wind has shifted to SW. The weather is still fine over the E. of Scotland, but has become cloudy elsewhere, and rain is falling at Roches Point and Lorient, while thunderstorms are in progress over the NW. of England. Thunder and lightning were experienced in many parts of our southern districts last evening. Temperature has risen quickly over Central England, and ranges from 70° at Cambridge to 54° in the Shetlands. The highest maxima registered yesterday were 82° in London, 81° at Loughboro and 80° at Cambridge.

The sea is moderate to smooth.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8. ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

Frd. Dangerfield, 21 Holford St. Gray's Inn, London

METEOROLOGICAL OBSERVATIONS FOR 13TH AUGUST. 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Min.	Amount of Rainfall.
Haparanda ...	29.81	56	SW	2	o	29.84	- .19	59	56	+ 5	SW	2	o	*	68	50	—
Hernösand	29.91	60	Z	o	b	30.00	+ .11	67	67	+ 4	SW	2	b	*	77	55	—
Stockholm ...	30.08	68	W	2	b	30.17	+ .18	72	60	+ 5	Z	o	b	*	81	61	—
Wisby	30.03	64	NW	2	b	30.12	+ .16	68	60	+ 4	S	2	b	*	79	61	—
Bodö	29.67	52	ENE	2	r	29.76	+ .12	56	55	+ 3	WSW	8	o	6	?	50	0.47
Christiansund ..	29.82	60	WSW	5	c	29.87	+ .10	61	58	+ 1	E	2	m	4	64	52	—
‡Skudesnaes ...	29.99	59	SSE	6	b	29.95	— .04	59	57	— 2	SE	2	f	3	61	?	—
Oxö (Christiansund) ..	30.04	63	E	2	m	30.02	— .04	62	59	— 1	NE	2	c	2	68	61	—
Skagen (The Skaw)	30.08	65	S	2	b	30.06	— .03	66	63	+ 1	SE	3	b	2	75	61	—
Fanö ...	30.05	63	SE	4	b	29.99	— .13	68	63	+ 7	SE	4	c	*	73	59	—
Cuxhaven	30.04	68	SSE	1	b	? 30.00	— .13	66	63	+ 7	SSE	2	m	*	70	55	—
‡Sumburgh Head	29.81	58	SE	3	c	29.78	+ .02	54	54	— 4	SW	3	f	3	65	53	—
‡Stornoway	29.74	59	S	6	o	29.71	— .04	59	59	0	SSE	4	c	4	60	56	—
Wick	29.79	66	SW	2	c	29.73	— .05	60	59	— 2	S	3	b	1	70	55	—
Nairn ...	29.83	64	WSW	1	bcm	29.78	— .04	65	60	+ 1	SW	1	bm	1	71	52	—
‡Aberdeen ..	29.85	61	SSW	3	b	29.82	— .06	62	60	0	S	1	cm	1	70	53	—
Leith	29.89	69	W	1	b	29.79	— .13	57	56	— 1	W	1	b	*	74	50	—
‡Shields	29.89	61	E	1	cm	29.82	— .18	61	60	+ 1	SSE	1	cm	2	69	56	—
Spurn Head	29.92	61	ESE	4	b	29.79	— .25	62	60	+ 4	ESE	4	c	2	65	58	—
York	29.90	71	SE	2	b	29.78	— .25	66	63	+ 11	E	1	o	*	74	54	—
Loughborough	29.88	77	Z	o	b	29.76	— .26	62	61	+ 2	Z	o	ogm	*	81	58	0.03
‡Ardrossan ..	29.85	62	SSW	1	cf	29.74	— .19	59	58	— 1	NE	3	of	2	64	53	—
‡Mullaghmore ...	29.77	64	S	3	cm	29.69	— .18	60	59	0	E	1	ogb	3	65	59	0.13
Donaghadee ...	29.85	59	SSW	3	bc	29.74	— .20	60	59	0	S	1	o	0	67	54	—
Parsonstown ...	29.78	68	SSW	1	c	29.68	— .25	60	59	+ 1	NE	1	o	*	70	57	—
Barrow-in-Furness	29.85	68	NW	2	bc	29.74	— .24	65	63	+ 7	N	1	cf	1	69	58	—
‡Holyhead ...	29.84	64	NNE	1	b	29.71	— .28	62	60	+ 2	SSE	1	c	1	67	59	0.08
Liverpool (Bidston)	29.85	72	SE	1	bc	29.72	— .28	63	61	+ 6	W	1	b	1	74	60	0.04
‡Valencia	29.76	63	SSE	5	cm	29.70	— .17	63	61	+ 2	Z	o	cm	1	65	57	0.02
Roche's Point ...	29.77	62	S	3	o	29.63	— .28	62	62	0	NE	3	r	3	68	60	0.15
Pembroke ...	29.79	67	E	3	m	29.69	— .24	62	60	+ 3	SSW	4	bc	3	69	59	0.72
‡Scilly	29.74	65	ESE	5	cm	29.73	— .16	63	63	+ 1	SW	4	c	3	67	60	0.01
Prawle Point ...	29.83	63	ENE	4	o	29.79	— .16	62	61	— 1	SSW	5	o	4	72	49	0.03
Hurst Castle ..	29.86	69	SE	2	bc	29.83	— .16	62	60	— 4	WSW	5	c	4	75	60	—
‡Dover	29.91	70	NE	3	b	29.84	— .17	65	63	— 1	SW	4	cm	3	71	64	—
‡London	29.89	73	ESE	2	b	29.79	— .23	64	62	+ 3	SW	3	o	*	82	60	0.01
Oxford	29.80	70	E	2	b	29.76	— .26	65	62	+ 12	S	4	o	*	77	53	—
Cambridge ..	29.89	71	SE	1	b	29.76	— .25	70	64	+ 10	S	1	o	*	80	59	—
‡Yarmouth ...	29.95	66	ESE	1	b	29.82	— .22	66	64	+ 3	SE	3	bc	2	68	61	—
The Helder ...	29.96	65	ESE	1	b	29.88	— .18	67	65	+ 4	ESE	1	b	1	75	63	—
Cape Gris Nez	29.91	66	ENE	3	m	29.85	— .18	64	63	+ 1	SW	3	o	3	70	61	—
‡Jersey	29.82	72	ENE	3	ctg	29.80	— .10	62	61	— 5	S	2	cm	2	81	60	—
Brest	29.75	68	SW	3	m	29.80	— .10	61	61	— 3	SSW	5	m	3	77	59	0.04
Lorient	? 29.73	67	S	4	b	? 29.83	— .02	64	63	0	WSW	5	r	2	82	61	—
‡Rochefort ...	29.82	72	SW	5	bc	29.92	+ .01	66	65	+ 2	SW	4	o	2	86	52	—
Biarritz	29.89	70	W	3	o	29.92	+ .04	66	64	— 2	E	1	o	2	75	63	—
Corunna	*	*	*	*	*	? 29.81	— .03	68	66	+ 1	S	5	o	1	77	61	—
Brussels	*	*	*	*	*	29.87	— .15	73	66	+ 8	SSE	3	o	*	81	64	—
Charleville ...	? 29.83	81	ENE	1	b	? 30.04	+ .02	66	60	+ 4	E	1	b	*	84	55	—
Paris	29.87	79	ENE	4	b	29.93	— .06	65	64	— 3	Z	o	t	*	*	*	0.24
Lyons	29.93	81	S	5	b	29.98	— .06	73	59	+ 7	S	3	b	*	87	63	—
Toulon	30.08	?	Z	o	b	30.10	+ .02	72	68	— 2	ENE	5	bc	2	82	66	—
HIGH LEVEL STATION.						**Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.**											
Hawes Junction	28.68	66	Z	o	b	28.58	— .19	59	57	+ 2	ESE	2	c	*	70	54	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.02	61	57	SSE	6	b	4
Sumburgh Head	29.80	62	57	WSW	4	c	3
Stornoway ...	29.76	59	57	S	6	o	5
Aberdeen ...	29.86	67	60	S	4	b	1
Shields ...	29.92	69	61	SW	1	m	2
Ardrossan ...	29.89	64	62	SSW	2	c	1
Mullaghmore ...	29.82	63	58	S	4	ogm	3
Holyhead	29.92	65	60	NNW	2	b	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.80	63	60	SSE	5	cm	5
Scilly	29.80	66	64	E	5	cm	4
Dover	29.95	68	62	ENE	3	b	1
London ..	29.94	76	65	E	2	b	*
Yarmouth ...	29.98	67	63	ESE	2	b	1
Jersey	29.87	79	70	ENE	1	b	1
Rochefort ...	29.82	78	71	SSW	5	bc	2
Ben Nevis (4406 ft) at 9 am on 12th	25.41	44	44	SW	5	f	MAX 57 MIN 44 RAIN 0.01

The barometer continues to fall generally, but the weather and winds remain little changed.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY 14TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 2 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Monday 14th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
» → = forces above 10; » → = forces 8 to 10
→ = forces 5 to 7; → = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 · 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

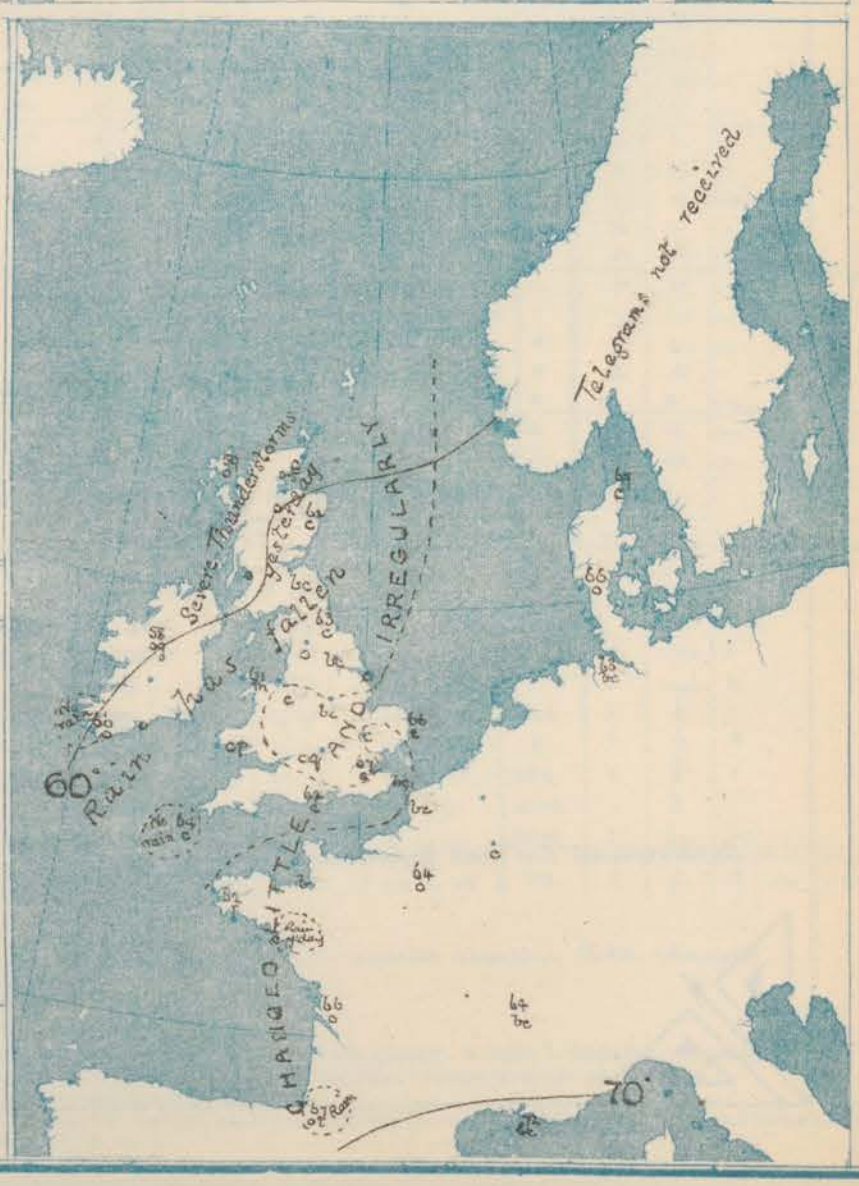
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	67·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valentia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY 14th AUGUST 1882 at 8 a.m.

Since yesterday morning the barometer has continued to fall on all our western & northern coasts, but has risen again in the South, as well as over France. The highest readings are now found over the south and east of France, while a large shallow depression lies over the north & west of Scotland. Light or moderate breezes from the S.ly or SW.ly prevail generally. The weather is overcast in Ireland & Scotland, and rather cloudy in most other districts, with showers at Pembroke and rain at Brest. In the course of yesterday severe thunderstorms were experienced in Scotland and the N. of England, but the accompanying rainfall was in most cases very slight. Temperature has changed little and irregularly, it ranges from 67° at Cambridge to 58° at Wick and Mullaghmore. The highest maxima registered yesterday were 76° at Loughboro' and 73° at Cambridge; in London the thermometer did not exceed 70°. The sea is moderate to smooth

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

15th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	SW.ly and S.ly winds, light; cloudy.	6 SCOTLAND WEST	Same as No. 0
1 SCOTLAND EAST	SW.ly and S.ly winds; light; fair to cloudy and showery.	7 ENGLAND N.W.	S.ly winds, light; cloudy, showery
2 ENGLAND N.E.	..... D° ..... D° ..... D°	8 ENGLAND S.W.	S.ly and SW.ly winds, moderate and fresh; cloudy, showery
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	SW.ly winds, moderate; cloudy, some rain
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	SW.ly winds, light or moderate; fair generally, but clouding over at times with some showers.	WARNINGS	NONE ISSUED

Harrild & Sons Printers, 4, 5, & 6 Bartholomew Close, London.

METEOROLOGICAL OBSERVATIONS FOR 14TH AUGUST 1882

STATIONS.	6 YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade	Wind. Direc.	Wind. Force (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 A.M. yesterday.	Shade Temp. Max.	Shade Temp. Min.	Shade Temp. Difference from 8 A.M. yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 8).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda														*			
Hernösand														*			
Stockholm														*			
Wisby														*			
[illegible]														*			
Christiansund																	
‡Skudesnaes																	
Oxö (Drontheim)																	
Skagen (The Skaw)	30·01	66	SSE	3	[illegible]	29·92	—	[illegible]	67	64	+	1	SSE	4	c	3	77	68	—
Fanö	29·91	67	SSE	4	[illegible]	29·81	—	03	66	64	—	2	W	4	c	*	81	64	—
Cuxhaven	29·90	?	?	?	?	29·92	—	09	68	66	+	2	WSW	2	bc	*	82	59	—
‡Sumburgh Head																			
‡Stornoway	29·66	58	E	1	r	29·59	—	18	59	22		0	SW	3	o	3	66	56	0·82
Wick	29·62	58	S	4	[illegible]	29·63	—	10	58	60	—	2	Z	0	c	1	68	52	0·56
Nairn	29·64	60	S	1	[illegible]	29·57	—	25	60	58	—	5	SW	1	c	0	69	56	0·23
‡Aberdeen	29·70	61	SSE	1	[illegible]	29·60	—	02	62	59		0	S	2	b	1	69	55	0·01
Leith	29·71	68	W	1	[illegible]	29·57	—	04	61	59	+	4	SW	1	bc	*	69	56	0·19
‡Shields	29·69	60	S	1	0	29·68	—	02	63	60	—	2	WSW	2	c	2	63	56	0·05
Spurn Head	29·73	65	S	2	c	29·79		00	63	61	+	1	SSW	3	c	2	69	58	0·01
York	29·78	70	S	1	bc	29·76	+	02	63	60	—	3	S	2	bc	*	70	56	0·09
Loughborough	29·75	70	SSW	2	bc	29·80	+	24	64	61	+	2	SSW	3	bc	*	76	58	—
‡Ardrossan	29·61	65	NE	1	[illegible]	29·62	—	12	59	59		0	SW	1	o	1	69	58	0·32
‡Mullaghmore	29·63	60	WNW	3	r	29·54	—	08	58	57	—	2	WSW	4	cg	4	66	57	0·12
Donaghadee	29·63	63	SSE	4	c	29·66	—	04	61	60	+	1	SW	2	c	0	69	58	0·10
Parsonstown																*			
[illegible]-in Furness	29·75	70	SW	2	bc	29·70	—	02	63	62	—	2	SW	3	o	2	70	62	0·37
‡Holyhead	29·69	64	SSW	4	c	29·70	+	01	61	60	—	1	SSW	3	m	2	68	58	0·02
Liverpool (Bidston)	29·70	67	SW	1	c	29·74	+	02	64	59	+	1	S	2	c	2	74	58	0·04
‡Valencia	29·69	64	WSW	2	c	29·66	—	04	60	58	—	3	WSW	3	o	3	68	54	—
Roche's Point	29·71	61	WSW	2	r	29·71	+	08	62	59		0	W	3	o	3	66	59	0·18
Pembroke	29·72	62	SSW	3	c	29·76	+	06	62	60		0	S	4	cp	3	64	60	0·06
‡Scilly	29·76	66	SW	4	c	29·76	+	03	64	62	+	1	SSW	5	c	4	69	60	—
Prawle Point																			
Hurst Castle	29·85	64	WSW	4	bc	29·87	+	04	62	61		0	WSW	4	c	74	69	61	0·03
‡Dover	29·87	63	WSW	4	cg	29·92	+	05	63	62	—	2	WSW	3	bc	1	69	61	0·01
‡London	29·84	66	SSE	3	c	29·89	+	10	66	63	+	2	SW	2	c	*	70	58	—
Oxford	29·82	64	S	4	c	29·85	+	09	64	61	—	1	S	3	cg	*	71	60	—
Cambridge	29·81	68	SW	1	c	29·85	+	09	67	63	—	3	SW	1	c	*	73	56	0·02
‡Yarmouth	29·82	65	S	4	c	29·85	+	06	66	62		0	SSW	3	b	2	70	57	—
The Helder																			
Cape Gris Nez	29·90	63	SW	4	o	29·95	+	10	64	63		0	SW	4	bc	3	68	61	—
‡Jersey	29·89	65	SSW	2	bc	29·94	+	08	62	61		0	SW	3	b	3	71	59	—
Brest	29·86	64	SW	4	o	29·89	+	09	62	60	+	1	SW	4	r	2	65	61	—
Lorient	? 29·87	65	WSW	5	c	? 29·90	+	07	64	61		0	WSW	4	c	2	72	61	0·04
‡Rochefort	29·91	70	NW	3	bc	29·97	+	05	66	64		0	SSE	3	o	0	75	59	—
Biarritz	29·95	70	NW	4	bc	30·02	+	04	67	65	+	1	Z	0	ob	0	73	63	0·04
Corunna	*	*	*	*	*					*							*	*	*
Brussels	*	*	*	*	*											*			
Charleville	? 29·98	66	W	4	o	? 30·01	—	03	63	60	—	3	SSW	5	c	*	81	63	0·12
Paris	29·95	65	SW	3	o	30·02	+	09	64	62	—	1	SW	1	o	*	*	*	0·24
Lyons	30·10	63	W	1	r	30·07	+	09	64	60	—	9	ESE	1	bc	*	87	56	0·08
Toulon	30·12	71	ENE	3	o	30·05	—	05	72	62		0	E	5	bc	2	79	68	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28·51	62	WSW	2	bc	28·53	—	05	59	59	—	2	SE	2	o		68	55	0·36

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29·92	62	60	SSE	6	c	4
Sumburgh Head							
Stornoway							
Aberdeen							
Shields							
Ardrossan							
Mullaghmore							
Holyhead							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.			
Valencia										
Scilly										
Dover										
London							*			
Yarmouth										
Jersey										
Rochefort	29·92	70	68	WNW	5	b	0			
Ben Nevis (4406 ft.) / Dunnottar (135 ft.)	28·34	48	48	SSE	4	f		MAX. 48	MIN 41	RAIN 0·04

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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DAILY WEATHER REPORT

FOR

TUESDAY 15TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/- per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Tuesday 15th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4;
⊙ = dead calm.

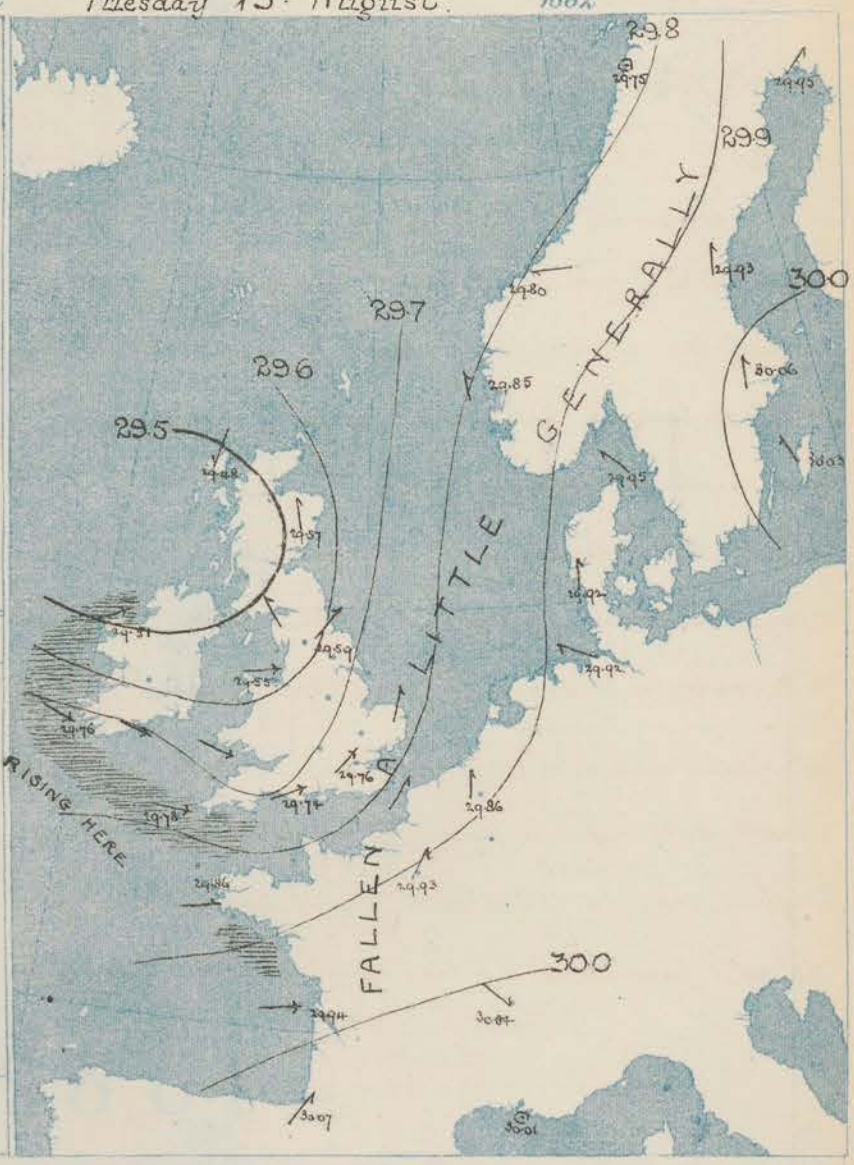
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 · 934
Ardrossan	29 · 908
Greencastle	29 · 909
Holyhead	29 · 939
Valentia	29 · 965
Roche's Pt.	29 · 985
Plymouth	30 · 007
LONDON	29 · 988
Yarmouth	29 · 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

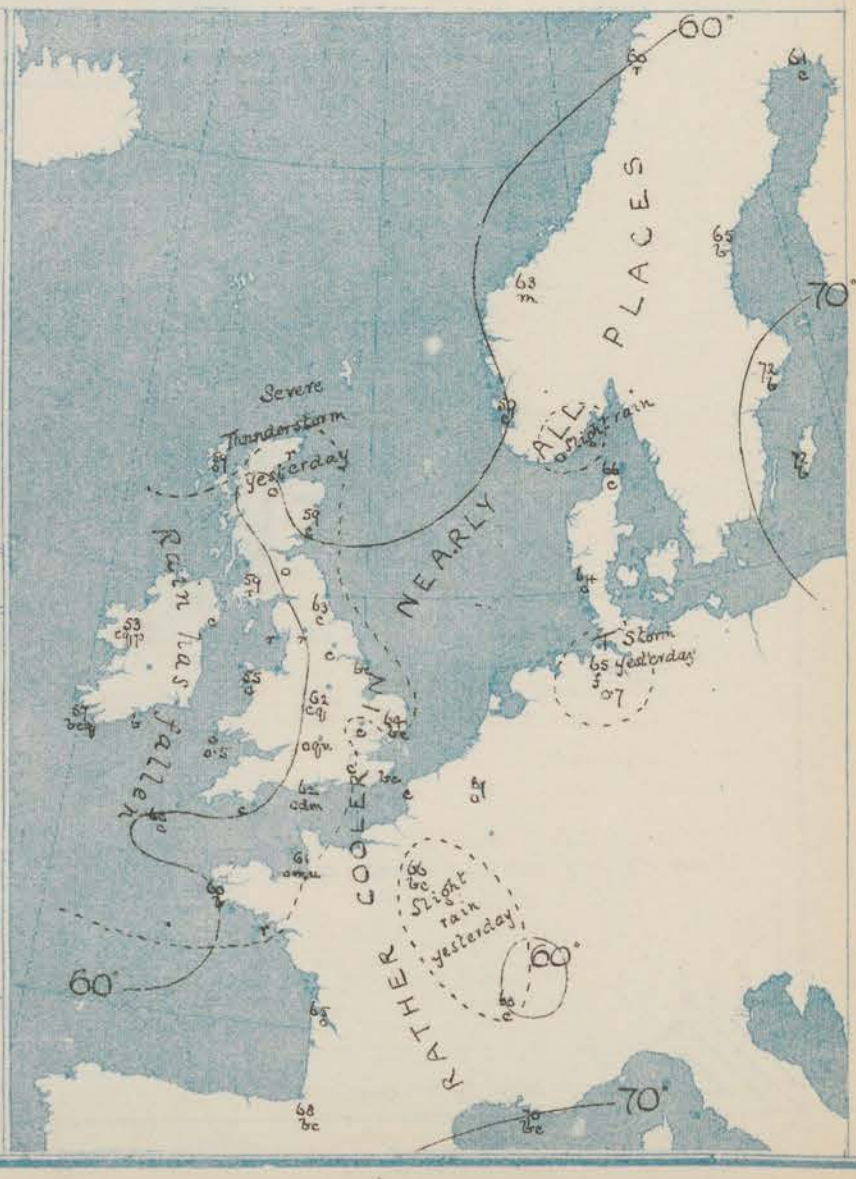
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp. °	Rain-fall. ins
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for ....TUESDAY..15TH AUGUST.... 1882 ..at 8 a.m.

In the course of the past night a well defined depression has advanced to the W. coast of Scotland from the Atlantic, while some small subsidiary disturbances have appeared over England. The barometer has consequently fallen very generally, but on our SW coasts it is now rising again. The wind circulates round the area of low pressure, being fresh or strong from W on our west and south west coasts, moderate or fresh from SW in the south east, and light or moderate from S. in the north east, while at Stornoway there is a light NE breeze. The weather is fine on the E & SE Coasts of England, & also in the S. of Ireland, but cloudy elsewhere, with rain at Wick, Ardrossan & Barrow in Furness. In the course of the past 24 hours rain has fallen generally, and a severe thunderstorm has been experienced at Wick. Temperature ranges from 64° at Cambridge & Yarmouth to 53° at Mullaghmore. The highest maxima registered yesterday were 74° at Loughborough & Cambridge, and 76° at Spurn Head. The sea is rather rough in the W & SW, slight in the east

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

16TH AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	S'ly and SE'ly winds, moderate; cloudy, some rain.	6 SCOTLAND WEST	S'ly winds, moderate; cloudy, some rain
1 SCOTLAND EAST	S'ly winds, moderate or fresh; cloudy and rainy to fair.	7 ENGLAND N.W.	W'ly to SW'ly winds, fresh or strong; unsettled, showery
2 ENGLAND N.E.	SW'ly winds, moderate and fresh; fair generally, but occasional showers.	8. ENGLAND S.W.	.....D°.....D°.....D°.....
3 ENGLAND EAST	.....D°.....D°.....D°.....	9 IRELAND NORTH	Same as No. 2 and 3
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	W'ly to SW'ly winds, fresh or strong; fair to cloudy and unsettled.
5 ENGLAND SOUTH	SW'ly to W'ly winds, fresh; dull and rainy to fair	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 15TH AUGUST 1882.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·97	59	Z	0	b	29·95	− ·08	61	56	− 1	SW	4	c	*	68	54	—
Hernösand	29·92	65	S	2	bc	29·93	− ·07	65	62	− 3	S	2	b	*	73	63	—
Stockholm ..	30·04	63	S	2	b	30·06	− ·09	72	64	+ 3	S	2	b	*	81	59	—
Wisby	30·06	66	SSE	2	b	30·03	− ·08	72	64	+ 2	SSE	4	b	*	82	59	—
Bodö ...	29·75	64	Z	0	b	29·75	− ·13	60	59	− 2	Z	0	r	0	74	59	—
Christiansund ...	29·72	62	ENE	1	m	29·80	+ ·03	63	60	− 5	E	2	m	2	75	59	—
‡Skudesnaes ...	29·83	60	SSE	6	o	29·85	+ ·07	59	59	− 4	SSE	4	c	4	63	59	—
Oxö (Christiansund) ..	29·90	62	SSW	4	f	29·92	+ ·06	64	62	− 1	E	4	o	2	64	61	0·05
Skagen (The Skaw)	29·95	63	WNW	2	r	29·95	+ ·03	66	64	− 1	ESE	2	c	1	72	61	—
Fanö ...	29·97	64	SSW	1	c	29·92	+ ·06	64	64	− 2	S	1	o	*	70	61	—
Cuxhaven ...	29·85	?	ESE	1	b	29·92	·00	65	64	− 3	ESE	1	f	*	72	63	0·70
‡Sumburgh Head																	
‡Stornoway	29·86	59	S	4	o	29·48	− ·05	59	58	0	NNE	3	o	2	62	52	—
Wick	29·60	61	SW	1	o	29·59	+ ·04	58	57	0	S	2	r	2	68	54	0·13
Nairn ...	29·59	66	Z	0	b	29·50	− ·05	62	59	+ 2	Z	0	o	1	69	60	0·01
‡Aberdeen ...	29·64	69	S	3	bc	29·57	− ·03	59	58	− 3	SSE	4	c	3	71	55	0·03
Leith	29·64	65	WSW	1	bc	29·52	− ·06	62	58	+ 1	S	1	o	*	75	58	0·06
‡Shields	29·71	66	WSW	2	c	29·59	− ·09	63	60	0	SW	2	c	2	72	58	0·01
Spurn Head .	29·77	64	ESE	2	bc	29·71	− ·08	62	60	− 1	SSW	5	bc	3	76	59	0·31
York ...	29·75	69	S	1	c	29·65	− ·11	62	58	− 1	S	4	c	*	75	58	0·24
Loughborough	29·76	71	SSW	3	bc	29·67	− ·13	62	58	− 2	SSW	5	cq	*	77	58	—
‡Ardrossan ...	29·64	61	S	2	om	29·46	− ·16	59	59	0	SE	4	r	3	66	56	0·40
‡Mullaghmore ...	29·59	65	SW	4	c	29·51	− ·10	53	51	− 5	WSW	6	cqp	5	65	51	0·31
Donaghadee ...	29·65	62	SSW	4	o	29·50	− ·16	54	53	− 7	NNW	3	c	1	70	53	0·30
‡Parsonstown ...	29·62	64	SSW	1	o	29·63	− ·05	54	51	− 5	SSW	1	r	*	67	50	0·16
Barrow-in-Furness	29·71	65	SE	3	c	29·53	− ·17	58	57	− 5	SE	6	r	4	67	57	0·26
‡Holyhead ...	29·69	63	SSW	4	bc	29·55	− ·17	55	53	− 6	W	6	o	4	66	54	0·30
Liverpool (Bidston)	29·72	66	SSW	1	o	29·56	− ·18	57	57	− 7	SE	2	c	3	70	55	0·17
‡Valencia	29·60	62	WSW	5	bc	29·76	+ ·10	57	56	− 3	WNW	5	bcq	5	67	50	0·26
Roche's Point ...	29·66	62	S	6	r	29·72	+ ·01	57	53	− 5	WNW	5	b	4	67	52	0·22
Pembroke ...	29·71	60	SW	2	o	29·64	− ·10	53	51	− 9	WNW	6	o	4	65	53	0·54
‡Scilly	29·76	63	WSW	5	bc	29·78	+ ·02	60	58	− 4	WNW	7	c	6	69	56	0·12
Prawle Point ...	29·78	61	SSW	6	c	29·73	− ·12	60	59	− 1	SW	6	c	5	64	? 57	?0·02
Hurst Castle ...	29·85	63	SW	5	c	29·74	− ·13	62	59	0	WSW	5	cmq	4	70	59	0·05
‡Dover	29·89	64	SW	2	b	29·79	− ·13	64	62	+ 1	SW	3	bc	2	68	62	—
‡London	29·86	67	SSE	2	o	29·76	− ·13	63	59	− 3	SW	5	c	*	74	59	0·02
Oxford	29·81	62	SSE	4	b	29·70	− ·15	61	58	− 3	S	6	oqc	*	73	59	0·02
Cambridge ..	29·85	69	SSW	1	c	29·72	− ·13	64	60	− 3	SW	1	o	*	77	58	—
‡Yarmouth ...	29·84	70	SW	3	b	29·77	− ·11	64	62	− 2	SSW	4	bc	3	71	62	0·02
The Helder ...																	
Cape Gris Nez	29·93	68	SW	3	b	29·81	− ·14	63	63	− 1	S	4	c	2	70	59	—
‡Jersey	29·89	64	SW	3	o	29·84	− ·10	61	60	− 1	SW	4	omq	4	70	58	0·01
Brest	29·86	62	W	3	o	29·86	− ·03	60	59	− 2	W	4	b	4	68	59	0·12
Lorient	29·88	64	W	4	o	? 29·84	− ·06	62	61	− 2	WSW	5	r	5	68	59	0·16
‡Rochefort ...	29·92	69	NW	5	c	29·94	− ·03	65	63	− 1	W	5	o	2	75	52	—
Biarritz	30·02	70	W	5	u	30·07	+ ·06	68	64	+ 1	SW	1	bc	2	77	63	—
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·86	− ·11	67	63	+ 2	S	1	o	*	75	61	—
Charleville ...	29·95	69	SSW	3	b	29·93	− ·08	62	59	− 1	NNW	5	c	*	79	56	—
Paris	29·94	76	SSW	3	b	29·93	− ·09	66	62	+ 2	SW	1	bc	*	*	*	0·20
Lyons	30·02	64	S	1	c	30·04	− ·03	60	59	− 4	NW	1	c	*	70	59	0·12
Toulon	30·00	71	E	4	m	30·01	− ·04	70	?	− 2	Z	0	bc	?	?	?	?0·71
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·53	60	SW	1	c	28·38	− ·15	55	53	− 2	SSW	2	r	*	64	54	0·33

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·77	62	60	SSE	6	o	4
Sumburgh Head	29·57	60	59	SSW	3	o	3
Stornoway ...	29·56	60	58	SW	4	o	3
Aberdeen ...	29·61	69	63	SSW	3	c	1
Shields	29·71	71	63	WSW	3	c	2
Ardrossan ...	29·64	65	63	SSW	1	c	1
Mullaghmore ...	29·62	63	59	WSW	4	or	2
Holyhead	29·72	65	62	SSW	4	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·65	62	61	SSW	5	o	5
Scilly	29·76	65	64	W	4	c	4
Dover	29·92	67	63	SW	4	b	3
London ...	29·86	71	62	S	3	c	*
Yarmouth ...	29·86	67	64	S	4	b	3
Jersey	29·90	67	65	SSW	3	o	3
Rochefort ...	29·95	75	70	NW	4	bc	3
Ben Nevis 4406 ft. 9 am on 14th	25·19	46	46	SW	4	f	Max 50, Min 45, Rain 1·15

The barometer is rising a little in the N., but is falling on our SE. coasts, as well as at Valencia. SW½ or S½ breezes continue in most places. The weather over England and Ireland remains unaltered, but at Wick a thunderstorm has been in progress for the last three hours.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

+. Received too late for insertion in Chart.

DAILY WEATHER REPORT

FOR

WEDNESDAY 16TH AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield lith. 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Wednesday 16th AUGUST 1882

BAROMETER, WIND & SEA.

Explanation of Map.

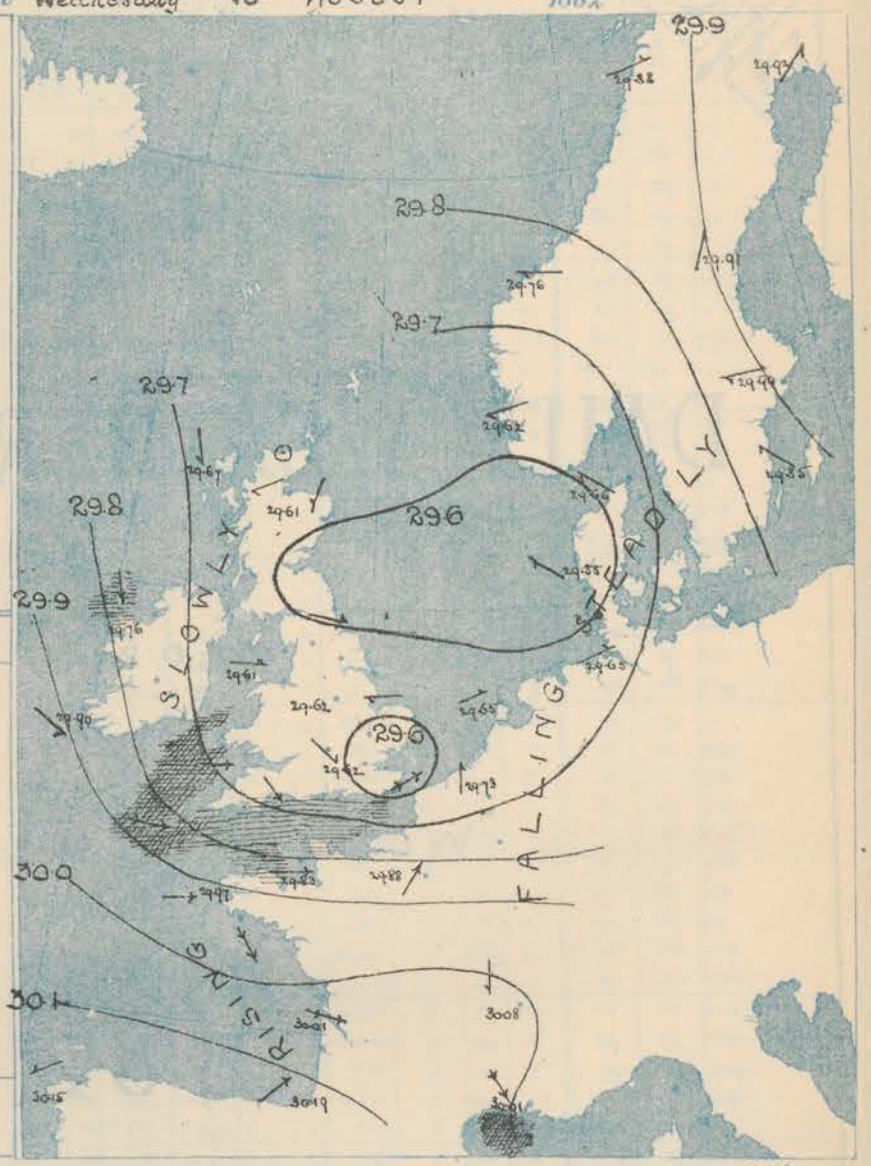
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟫ = forces above 10; ⟩ = forces 8 to 10;
→ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast, thus ▒ = Rough; ▒ = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

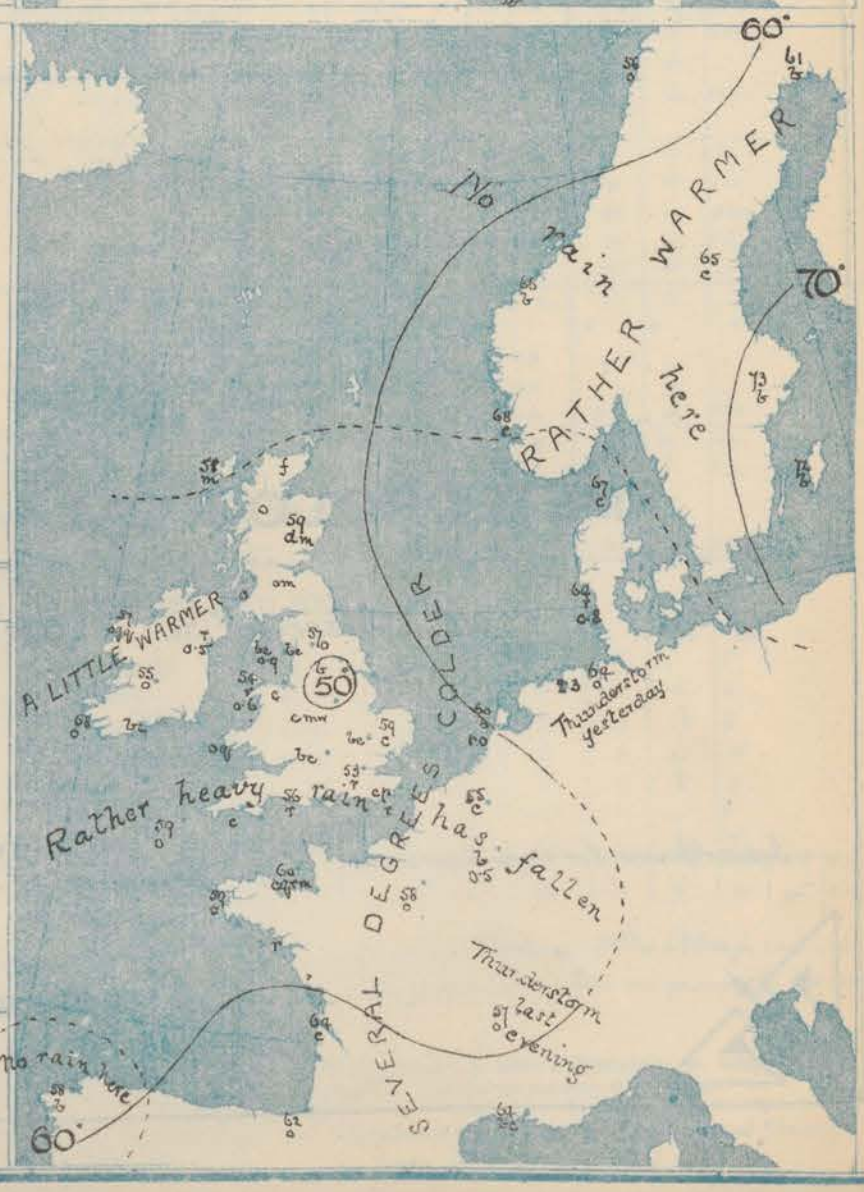
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for WEDNESDAY 16th AUGUST 1882 at 8 a.m.

The depression which lay off the west of Scotland yesterday morning apparently moved away N.W. in the course of the day, and was succeeded by several small shallow disturbances, which have travelled across our Islands. Two are now found over the N.W. part of the German Ocean while another well defined depression lies off the coasts of Essex & Suffolk. As these disturbances passed across the barometer fell generally, heavy showers occurred in many places and a moderate to strong W.N.W. gale blew in the SW and S; but in their rear the mercury is rising, the weather is improving, and the winds are veering to the W.N.W. and moderating a little. Temperature has fallen several degrees at the English stations, and readings now range from 59° at Aberdeen and Scilly, to 50° at York. The highest maxima registered yesterday were 72° at Nairn and 71° in London; at some of our western stations the thermometer did not reach 60°. The sea is high off Pembroke & Scilly, rough in the W & S generally

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

16th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	Light winds, chiefly N.W.; dull, with mist and occasional drizzle.	6 SCOTLAND WEST	Same as No. 0 and 1
1 SCOTLAND EAST	D° D° D°	7 ENGLAND N.W.	W.N.W. winds, moderate; cloudy, showery.
2 ENGLAND N.E.	N.W.N. winds, moderate; subsequently backing; unsettled, showery.	8. ENGLAND S.W.	W.N.W. strong winds and gales; cloudy, showery.
3 ENGLAND EAST	D° D° D°	9 IRELAND NORTH	N.W.N. winds, fresh; cloudy, unsettled, some rain.
4 MIDLAND COUNTIES	D° D° D°	10 IRELAND SOUTH	W.N.W. to N.W.N. winds, fresh or strong; cloudy, showery.
5 ENGLAND SOUTH	N.W.N. to W.N.W. winds, fresh; showery, with bright intervals.	WARNINGS	The S. cone was hoisted last evening in districts 8 and part of 5

Fred. Dangerfield, 22 Bedford St. Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 16th AUGUST, 1882

STATIONS.	Yesterday Evening. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. to Day. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	Past 24 Hours. Shade Temp. Max.	Min.	Amount of Rainfall.
Haparanda ...	29·82	60	SW	4	bc	29·92	− ·03	61	54	0	SW	2	b	*	68	57	—
Hernösand	29·89	66	SSW	2	c	29·91	− ·02	65	63	0	SSW	2	c	*	75	63	—
Stockholm ...	29·97	65	SE	2	b	29·90	− ·16	73	66	+ 1	E	2	b	*	81	61	—
Wisby	29·95	65	SE	2	b	29·85	− ·18	72	66	0	SE	4	b	*	84	61	—
Bodö	29·85	58	WSW	4	o	29·88	+ ·13	56	55	− 4	WSW	2	o	2	?	54	—
Christiansund...	29·87	61	NE	4	b	29·76	·04	66	60	− 3	E	3	b	2	68	55	—
‡Skudesnaes ...	29·79	62	SSE	4	c	29·62	− ·23	68	66	+ 9	ENE	2	c	3	?	?	—
Oxö (Xtiansund) ...	29·85	63	NE	4	o	29·60	− ·32	63	62	− 1	NNE	6	o	2	64	61	0·24
Skagen (The Skaw)	29·80	66	ENE	2	b	29·66	− ·29	67	64	+ 1	ESE	3	c	2	72	63	0·04
Fanö ...	29·73	64	SE	6	r	29·55	− ·37	64	64	0	ESE	4	r	*	75	63	0·75
Cuxhaven ...	29·78	?	E	1	b	29·65	− ·27	64	64	− 1	WSW	3	o	*	68	61	2·26
‡Sumburgh Head																	
‡Stornoway ...	29·51	63	W	4	c	29·67	+ ·19	58	58	− 1	NNW	3	m	3	66	56	—
Wick	29·55	64	S	5	bc	29·65	+ ·08	58	58	0	Z	0	f	0	64	54	0·03
Nairn ...	29·51	67	Z	0	c	29·65	+ ·15	57	56	− 5	ENE	1	o	2	72	54	0·06
‡Aberdeen ...	29·56	60	SSE	3	bc	29·61	+ ·04	59	58	0	NNE	2	dm	?	64	57	0·08
Leith	29·51	58	SW	1	c	29·59	+ ·07	56	56	− 6	N	1	om	*	68	54	0·08
‡Shields	29·53	58	W	2	o	29·60	+ ·01	57	54	− 6	WNW	2	c	2	67	45	0·11
Spurn Head																	
York	29·59	57	W	2	bc	29·62	− ·03	52	49	− 12	W	1	b	*	63	44	0·19
Loughborough..	29·64	59	W	2	bc	29·62	− ·05	53	51	− 9	W	2	cmu	*	66	46	0·17
‡Ardrossan ...	29·52	57	W	2	o	29·62	+ ·16	60	59	+ 1	SE	1	o	1	62	55	0·30
‡Mullaghmore ...	29·57	57	N	5	ogpv	29·76	+ ·25	57	55	+ 4	NNW	6	ogq	5	62	53	0·05
Donaghadee ...	29·55	59	SW	3	c	29·62	+ ·12	57	57	+ 3	N	5	r	3	66	53	0·50
Parsonstown ...	29·52	58	WNW	3	bo	29·78	+ ·15	55	54	+ 1	NW	2	o	*	59	51	0·27
Barrow-in-Furness	29·57	58	SW	4	bc	29·58	+ ·05	54	53	− 4	ENE	2	bc	3	59	50	0·86
‡Holyhead ...	29·58	56	SW	5	o	29·61	+ ·06	54	53	− 1	W	2	r	2	61	51	0·57
Liverpool (Bidston)	29·59	58	WSW	2	c	29·61	+ ·05	56	54	− 1	WNW	2	c	3	62	50	0·24
‡Valencia	29·82	50	WNW	7	ogp	29·90	+ ·14	58	57	+ 1	NW	4	o	3	61	53	0·18
Roche's Point ...	29·65	57	WNW	6	o	29·53	+ ·11	57	53	0	NNW	5	bc	4	63	53	0·44
Pembroke ...	29·64	57	WSW	6	c	29·65	+ ·01	56	55	+ 3	W	7	oq	7	58	52	0·36
‡Scilly	29·85	60	WNW	9	cq	29·85	+ ·07	59	56	− 1	WNW	8	oq	7	6[illegible]	55	0·05
Prawle Point ...	29·82	57	WSW	6	bc	? 29·78	+ ·05	56	55	− 4	WSW	7	c	6	64	? 54	0·21
Hurst Castle ...	29·76	61	W	5	bc	29·68	− ·06	56	55	− 6	NW	7	r	5	66	55	0·13
‡Dover	29·73	62	WSW	3	bp	29·57	− ·24	56	53	− 8	W	5	cp	4	66	54	0·24
‡London	29·72	63	W	4	bc	29·62	− ·14	53	52	− 10	NW	4	r	*	71	51	0·18
Oxford	29·71	54	SW	2	b	29·64	− ·06	53	51	− 8	WNW	2	bc	*	66	51	0·27
Cambridge ...	29·67	58	SW	1	bc	29·60	− ·12	57	53	− 7	N	1	bc	*	69	44	0·16
‡Yarmouth ...	29·66	59	WSW	1	r	29·61	− ·16	59	55	− 5	E	3	b	2	69	49	0·09
The Helder ...	29·71	62	S	1	r	29·65		60	55		WSW	1	b	1	73	59	0·08
Cape Gris Nez	29·75	60	WSW	7	opm	29·60	− ·21	59	55	− 4	WSW	8	r	? 6	68	54	0·35
‡Jersey	29·90	59	W	5	bc	29·83	− ·01	60	57	− 1	W	7	qrm	5	68	55	0·09
Brest	29·99	60	NNW	7	o	29·97	+ ·11	59	54	− 1	W	5	o	4	63	55	0·04
Lorient	29·96	62	NNW	8	bc	? 29·94	+ ·10	56	55	− 6	NW	8	r	4	64	54	0·28
‡Rochefort ...	29·99	65	NW	8	o	30·01	+ ·07	64	58	− 1	WNW	8	c	4	73	57	0·04
Biarritz	30·16	68	WNW	5	c	30·19	+ ·12	62	60	− 6	SW	5	o	3	73	59	0·08
Corunna	*	*	*	*	*	30·15	+ ·14	58	58	− 7	ENE	4	b	4	75	54	—
Brussels	*	*	*	*	*	29·73	− ·13	55	52	− 12	S	4	b	*	75	52	0·24
Charleville ...	29·82	71	NNW	4	c	29·85	− ·08	55	51	− 7	NNW	7	b	*	75	50	0·47
Paris	29·87	60	W	4	o	29·88	− ·05	58	52	− 8	SW	7	o	*	*	*	0·12
Lyons	29·99	66	SW	1	b	30·08	+ ·04	57	52	− 3	N	1	o	*	76	56	0·08
Toulon	29·99	71	W	4	bc	30·01	·00	64	56	− 6	NW	8	bc	7	81	63	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·36	52	WSW	2	bc	28·40	+ ·02	57	49	− 4	S	1	bc	*	60	41	0·24

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·83	63	61	SSE	4	cf	3
Sumburgh Head	29·66	58	57	SE	4	f	4
Stornoway ...	29·49	65	62	SSE	4	b	3
Aberdeen ...	29·56	63	60	SSE	4	c	3
Shields	29·54	60	59	S	4	c	2
Ardrossan ...	29·49	60	58	SSW	1	o	1
Mullaghmore ...	29·60	61	55	SSE	4	bcr	5
Holyhead... ...	29·61	57	54	SW	4	cp	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·78	58	57	W	6	ogp	6
Scilly	29·86	61	56	WNW	8	c	6
Dover	29·73	65	61	WSW	5	op	3
London ...	29·70	62	57	W	4	cp	*
Yarmouth ...	29·67	67	63	S	6	bc	4
Jersey	29·88	64	57	WNW	5	bc	4
Rochefort ...	29·94	70	66	W	7	o	2
Ben Nevis (4406 ft) Dam on 15th	25·07	44	43	ESE	5	f	MAX 47, MIN 43, RAIN 0·61

The barometer continues to fall at all out more E^n stations, but is rising in the W. The wind has shifted to SSE. at Stornoway and Mullaghmore, but has not changed much elsewhere. Cloudy, showery weather prevails at most of the English and Irish stations.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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DAILY WEATHER REPORT

FOR

THURSDAY 17TH AUGUST.

1882

ISSUED BY THE

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(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on Thursday 17th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ = forces above 10; → = forces 8 to 10
→ = forces 5 to 7; → = forces 1 to 4;
⊙ = dead calm.

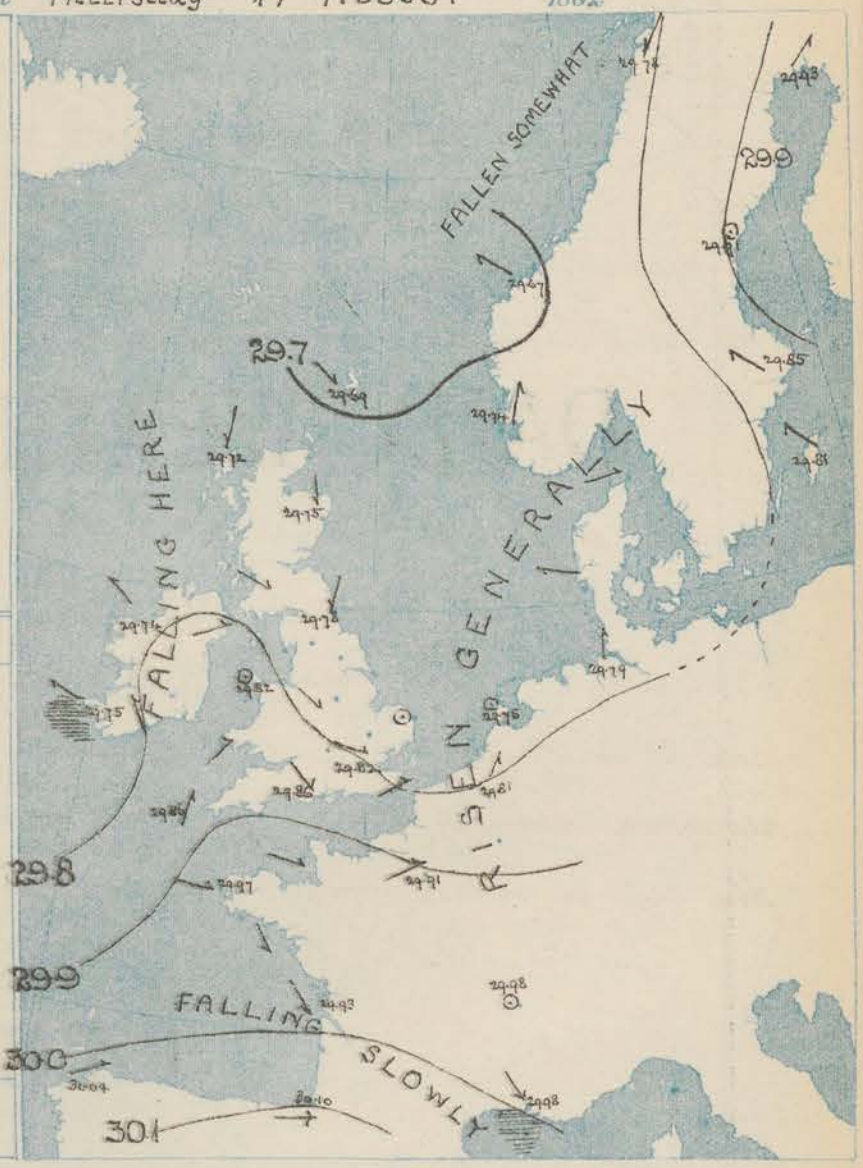
Sea Disturbance, where considerable, is shown by shading round the coast: thus, = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings. Ins.
Nairn	29 . 853
Aberdeen	29 . 863
Leith	29 . 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valenia	29 . 965
Roche's Pt.	29 . 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

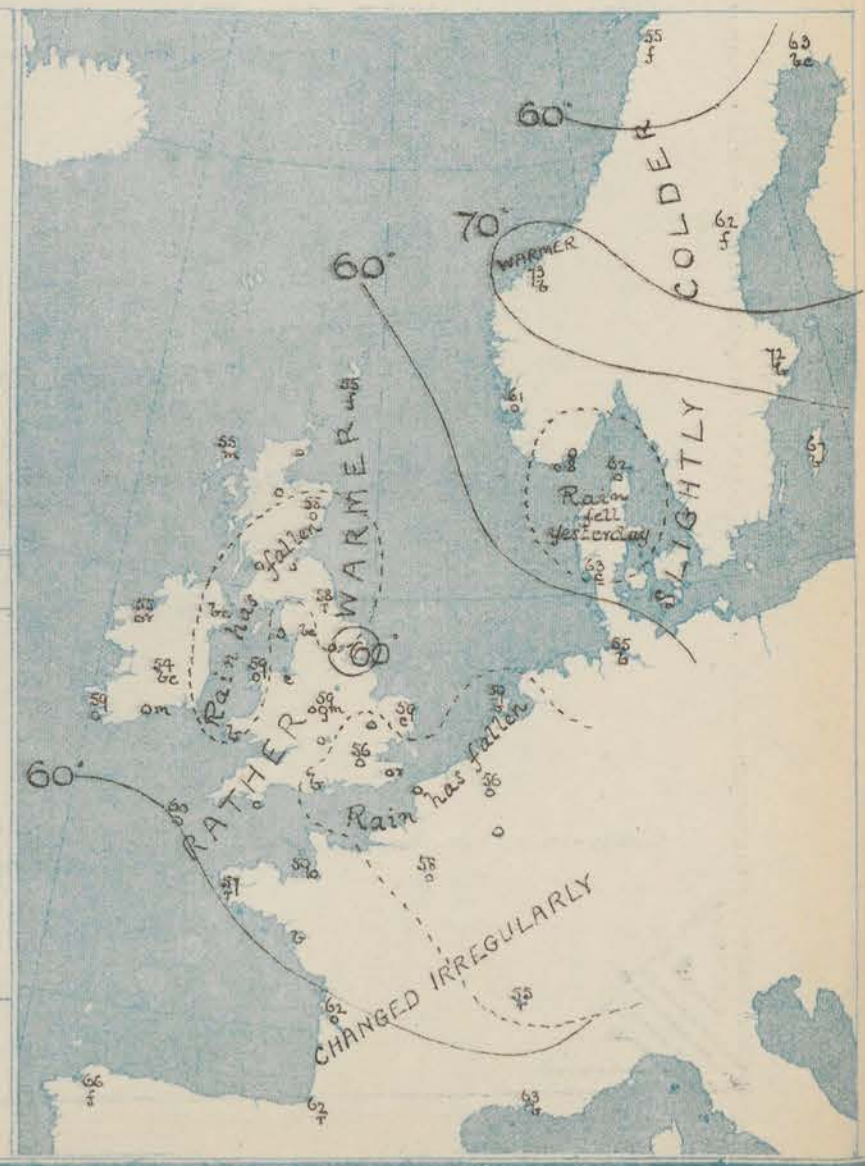
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp. °	Rain-fall. ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valenia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for THURSDAY 17th AUGUST 1882 at 8 a.m.

The depressions which lay over the north sea yesterday have passed away from our area, and the barometer has therefore risen at all our more E. and N. stations. In the south west however there are signs of the advance of a new depression, and the mercury has begun to fall decidedly over Ireland & the SW of England. The wind is light from N or NW in Scotland and the E of England, but on our extreme W & SW coasts it has backed to the S. or SE., and blows with moderate force. The weather is clear in Denmark, and fine locally at Pembroke, Hurst Castle & Yarmouth, but elsewhere the sky is overcast, with rain at Shields & Dover, and drizzle at Aberdeen & Valencia. Temperature has risen in most places, and ranges from 61° at Pembroke to 54° at Parsonstown. The highest maxima registered yesterday were 71° at York and 70° at Cambridge.

The sea is rather rough at Valencia, moderate or smooth elsewhere

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

18th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	Light winds, chiefly N.; dull, with local mists and drizzling rain	6 SCOTLAND WEST	Same as No. 0 and 1
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Variable to NW. winds, light; cloudy and showery to fair.
2 ENGLAND N.E.	NE. or E. winds, light; fair to dull and rainy	8 ENGLAND S.W.	S. to W. or NW. winds, fresh or strong; dull and rainy to fair
3 ENGLAND EAST	Light W. winds, backing to S. and subsequently veering again; fair to dull and rainy	9 IRELAND NORTH	W. to NW. winds, light to fresh; cloudy, showery.
4 MIDLAND COUNTIES	..... D° ..... D° ..... D°	10 IRELAND SOUTH	SE. winds, subsequently shifting to NW., fresh; dull and rainy to fair.
5 ENGLAND SOUTH	SW. to W. or NW. winds, moderate and fresh; fair to dull and rainy	WARNINGS	The S cone was lowered yesterday in districts 8 and part of 5

Frnst Impenfield, 2 Skilbeck's Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 17TH AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·93	59	Z	0	b	29·93	+ ·01	63	59	+ 2	SW	2	bc	*	70	54	–
Hernösand	29·90	60	Z	0	b	29·91	·00	62	61	– 3	Z	0	f	*	70	?	–
Stockholm ...	29·86	67	E	2	b	29·85	– ·05	72	65	– 1	SE	2	b	*	79	61	–
Wisby	29·79	67	ESE	2	b	29·87	– ·04	70	65	– 2	SE	4	c	*	84	63	–
Bodö	29·86	57	N	2	f	29·78	– ·10	55	55	– 1	NNE	2	f	1	59	54	–
Christiansund ..	29·67	70	Z	0	bc	29·67	– ·09	73	62	+ 7	SE	3	b	2	73	64	–
‡Skudesnaes ...	29·61	62	Z	0	c	29·74	+ ·12	61	59	– 7	SSW	2	q	3	68	?	–
Oxö (Xtiansund) ...	29·63	63	ESE	4	o	29·75	+ ·15	61	59	– 2	SW	4	o	2	64	61	0·75
Skagen (The Skaw)	29·70	66	SSE	3	o	29·77	+ ·11	62	59	– 5	WSW	3	o	2	73	59	0·28
Fanö ...	29·75	55	SW	1	b	29·79	+ ·24	63	59	– 1	ESE	2	b	*	70	52	0·28
Cuxhaven ..	29·79	?	WSW	1	b	29·79	+ ·14	55	54	– 9	S	1	b	*	?	52	–
‡Sumburgh Head	29·68	60	NNE	2	r	29·69		55	55		NW	2	f	2	62	53	0·04
‡Stornoway ..	29·73	58	NNW	3	m	29·72	+ ·05	55	54	– 3	NNE	2	m	2	60	52	–
Wick	29·71	59	N	2	f	29·75	+ ·10	58	57	0	NW	2	o	2	60	52	–
Nairn ...	29·71	60	Z	0	c	29·76	+ ·11	58	56	+ 1	Z	0	o	1	64	57	–
‡Aberdeen ...	29·66	62	N	3	c	29·75	+ ·14	58	57	– 1	N	1	ond	1	64	56	0·25
Leith	29·76	62	NW	1	r	29·76	+ ·17	60	58	+ 4	NW	1	o	*	64	55	0·05
‡Shields	29·66	58	NE	2	o	29·78	+ ·18	58	58	+ 1	NNE	2	r	2	62	53	0·07
Spurn Head ..																	
York	29·65	66	WNW	1	b	29·76	+ ·14	60	59	+ 10	WNW	1	o	*	71	49	0·22
Loughborough .	29·73	64	W	2	bc	29·79	+ ·17	59	56	+ 6	WNW	3	ogm	*	68	53	–
‡Ardrossan ..	29·70	62	NW	1	b	29·77	+ ·15	58	57	– 2	WNW	1	o	1	67	55	0·01
‡Mullaghmore ...	29·84	58	NW	5	o	29·74	– ·02	55	54	– 2	SE	3	ov	2	60	52	–
Donaghadee ...	29·77	59	NW	5	c	29·82	+ ·20	56	53	– 1	WSW	3	bc	1	64	50	0·03
Parsonstown ...	29·87	58	NW	1	o	29·80	+ ·02	54	51	– 1	E	1	bc	*	60	43	–
Barrow-in-Furness	29·72	60	NW	4	c	29·77	+ ·19	58	56	+ 4	NW	4	o	3	65	54	–
‡Holyhead ...	29·76	60	NNW	4	c	29·82	+ ·21	59	56	+ 5	Z	0	o	0	63	53	0·01
Liverpool (Bidston)	29·73	61	WNW	3	b	29·81	+ ·20	58	54	+ 2	W	3	bc	4	63	56	–
‡Valencia	29·91	60	NW	2	b	29·78	– ·16	59	59	+ 1	SE	4	ocm	5	64	49	–
Roche's Point ...	29·87	63	N	4	c	29·80	– ·03	58	57	+ 1	SSE	3	om	3	64	47	–
Pembroke ...	29·81	59	NW	3	c	29·85	+ ·20	61	58	+ 5	SW	1	b	2	61	56	0·01
‡Scilly	29·84	60	NW	5	b	29·86	+ ·01	60	59	+ 1	SSW	4	o	4	62	55	–
Prawle Point ...	29·83	58	WNW	4	c	29·91	+ ·12	59	58	+ 3	WSW	4	c	3	60	? 56	–
Hurst Castle ...	29·80	63	NW	4	b	29·86	+ ·18	60	58	+ 4	NW	3	bm	4	64	53	0·30
‡Dover	29·68	58	W	4	p	29·79	+ ·24	59	56	+ 1	WSW	3	or	1	62	55	0·12
‡London	29·70	63	NW	3	c	29·82	+ ·20	56	55	+ 3	WNW	2	o	*	67	53	0·04
Oxford	29·74	58	W	1	o	29·83	+ ·19	58	55	+ 5	W	2	o	*	65	52	–
Cambridge ..	29·70	63	N	1	c	29·78	+ ·18	59	59	0	NW	1	o	*	70	54	0·33
‡Yarmouth ...	29·66	63	N	2	b	29·77	+ ·16	59	59	0	Z	0	b	1	63	54	–
The Helder ...	29·65	59	E	1	r	29·75	+ ·10	59	55	– 1	NNE	1	b	1	63	57	0·20
Cape Gris Nez	?	58	W	7	bc	29·80	+ ·20	59	59	0	W	4	o	3	61	55	0·04
‡Jersey	29·86	59	WNW	7	c	29·94	+ ·11	59	59	– 1	WNW	4	cg	4	64	57	–
Brest	29·92	60	NNW	3	b	29·97	·00	59	59	0	WNW	3	o	4	64	54	–
Lorient	29·90	60	WNW	3	o	? 29·92	– ·02	59	54	+ 1	NNW	1	b	2	63	54	0·04
‡Rochefort ...	29·95	64	WNW	8	o	29·93	– ·08	62	62	– 2	NNW	4	o	2	68	55	0·28
Biarritz	30·15	66	W	4	bc	30·10	– ·09	62	59	0	W	5	r	4	70	55	–
Corunna	*	*	*	*	*	30·04	– ·11	66	65	+ 8	WSW	4	f	5	79	55	–
Brussels	*	*	*	*	*	29·81	+ ·08	56	55	+ 1	SW	3	o	*	59	51	0·16
Charleville ...	29·95	57	WNW	4	o	? 29·84	– ·01	54	51	– 1	SW	4	o	*	63	51	0·75
Paris	29·81	58	SW	8	r	29·91	+ ·03	58	55	0	WSW	4	o	*	*	*	0·12
Lyons	30·00	66	W	1	bc	29·98	– ·10	55	55	– 2	S	1	r	*	71	54	0·08
Toulon	29·95	65	NW	8	b	29·98	– ·03	63	59	– 1	NW	5	b	5	70	59	–
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·48	60	W	1	bc	28·59	+ ·17	58	57	+ 7	S	1	bc	*	65	49	0·02

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·58	68	64	Z	0	c	2
Sumburgh Head							
Stornoway ...	29·72	59	58	NNW	3	m	2
Aberdeen ...	29·64	62	61	N	2	r	1
Shields ...	29·63	61	57	ENE	2	b	2
Ardrossan ...	29·66	65	64	NW	1	b	1
Mullaghmore ..	29·82	58	55	NW	5	ogv	4
Holyhead	29·71	61	59	NNW	4	b	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·92	63	61	NW	2	b	3
Scilly	29·87	61	56	WNW	6	c	6
Dover	29·63	60	54	NW	5	cp	3
London ...	29·63	64	54	NW	3	c	*
Yarmouth ...	29·61	63	57	ENE	3	b	3
Jersey	29·84	63	57	W	8	bc	6
Rochefort ...	30·01	66	60	WNW	8	c	4
Ben Nevis (4406 ft.) 9 am on 16th	25·25	46	46	ENE	1	f	MAX 47, MIN 43, RAIN 0·55

The barometer continues to rise generally with NW. breezes on all but our E. coast, where the wind is NE. The gale in the SW. has died down. Rain is falling at Aberdeen and showers at Dover, but at most other stations the weather is fine. Sea is moderate at Holyhead, slight at Dover.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

FRIDAY 18TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. & Bailliere

WEATHER CHARTS

for 8 a.m. on Friday 18th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ - forces above 10; → - forces 8 to 10
→ - forces 5 to 7; → - forces 1 to 4;
⊙ - dead calm.

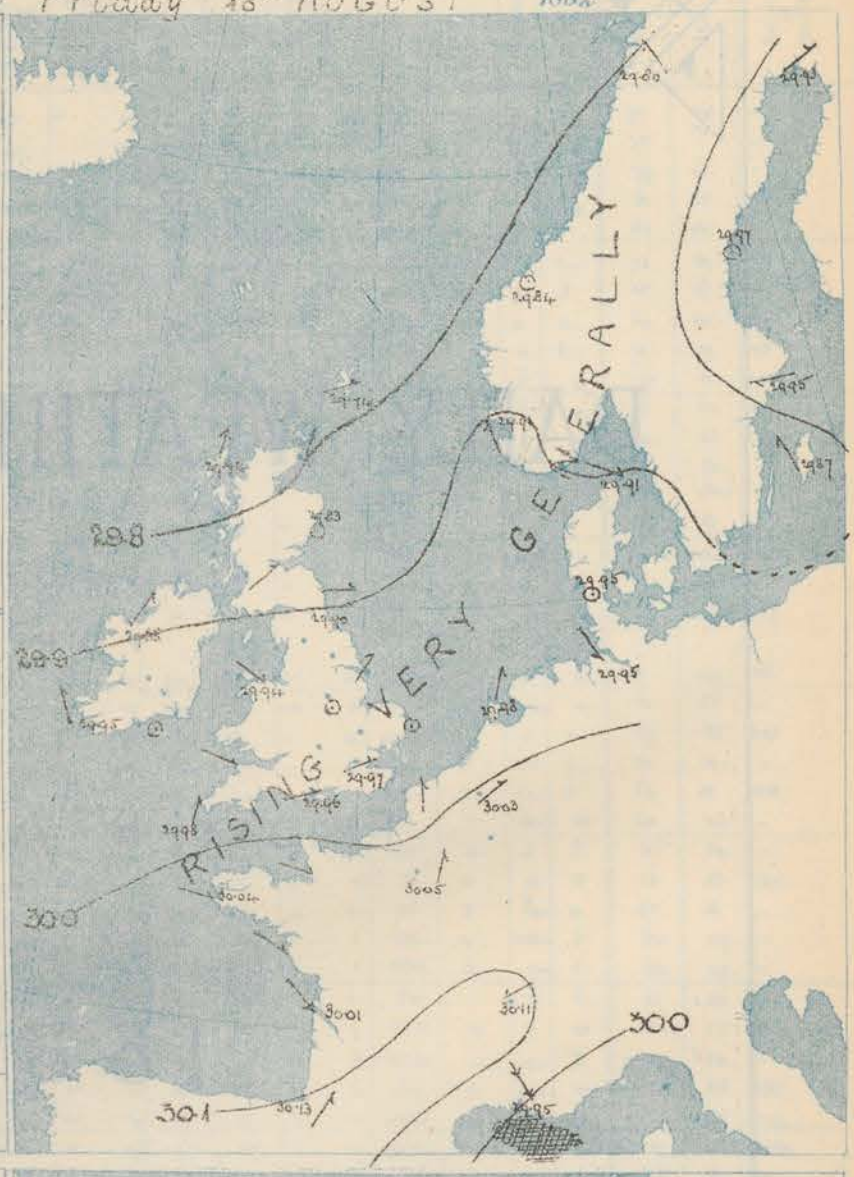
Sea Disturbance, where considerable, is shown by shading round the coast; thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valenia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

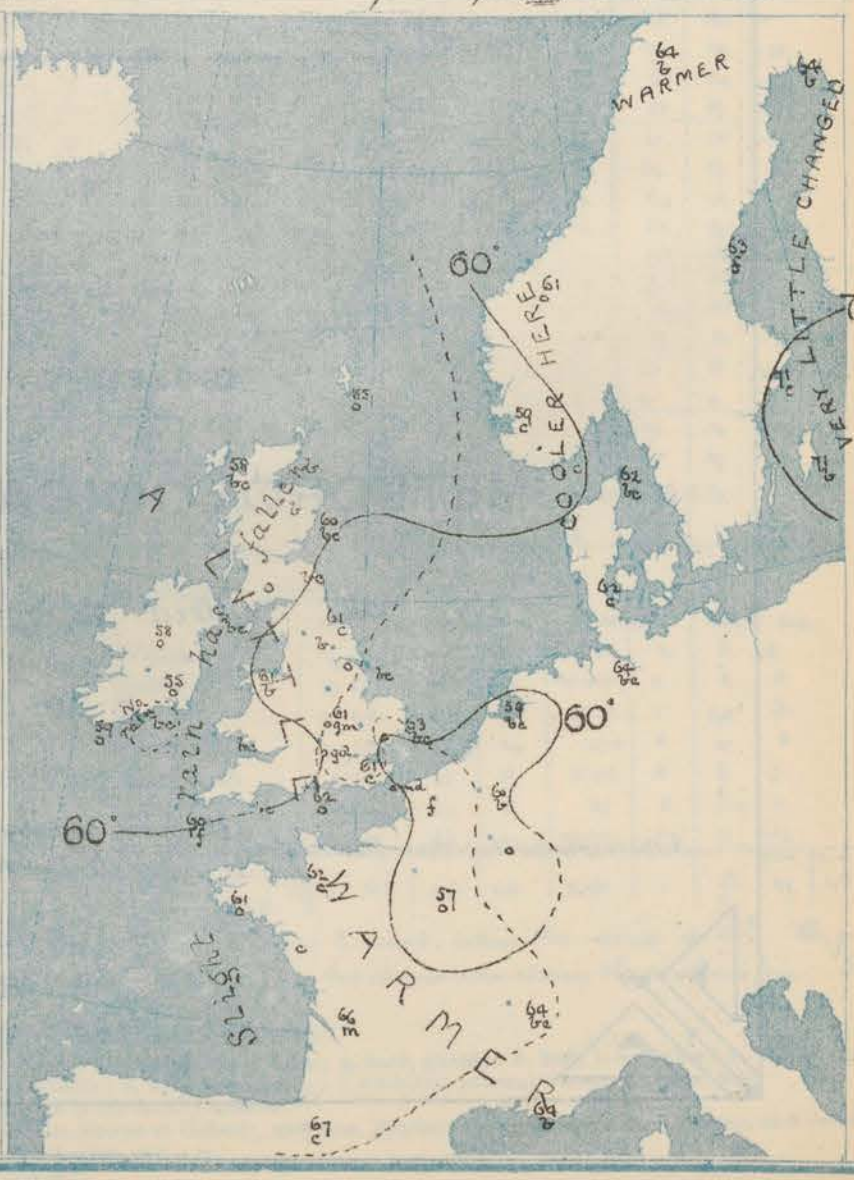
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	67·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY 18th AUGUST 1882 at 8 a.m.

The depression which was approaching our South west coasts yesterday morning travelled northwards in the course of the day, & has now disappeared from our area. The barometer is consequently rising generally, and readings are becoming very uniform. Calms or light SWly airs prevail on almost all our coasts, while in France there is a moderate breeze from the Wd. The weather is fair at the majority of stations, but overcast skies and drizzle prevail at Dover and Oxford, while at Scilly rain & fog are reported. In the course of yesterday showers fell at almost all our stations. Temperature has risen a little generally, & ranges from 63° at Shorn Hd & Yarmouth to 55° at Tumburgh Head, Parsonstown & Roche's Point. The maxima over England yesterday were rather low for the time of year; in London the thermometer did not rise above 64°. The sea is moderate or smooth on all our coasts.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

19th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SWly winds, light or moderate; fine generally.	6 SCOTLAND WEST	Same as No. 2
2 SCOTLAND EAST	..... do. ..... do. ..... do.	7 ENGLAND N.W.	Wly winds, light; fair
3 ENGLAND N.E.	SWly or Wly winds, light; fair	8 ENGLAND S.W.	SWly to Wly winds, light or moderate; fair generally.
4 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	Same as No. 2
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	Light variable breezes; cloudy, slight rain
5 ENGLAND SOUTH	Light airs from SW or W; fair on the whole	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 18th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	FAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.93	61	Z	0	b	29.93	.00	64	58	+ 1	SW	2	b	*	70	57	—
Hernösand	29.89	62	Z	0	b	29.97	+ .06	63	61	+ 1	Z	0	f	*	81	55	—
Stockholm ..	29.91	66	E	2	o	29.95	+ .10	71	66	— 1	E	2	c	*	79	63	—
Wisby	29.84	65	ESE	4	b	29.87	+ .06	71	65	+ 1	SSE	2	b	*	79	61	—
Bodö	29.78	66	Z	0	b	29.80	+ .02	64	60	+ 9	SE	1	b	0	66	55	—
Christiansund ..	29.80	68	WSW	3	o	29.84	+ .17	61	59	— 1	NNW	1	o	1	?	59	—
‡Skudesnaes ...	29.86	59	Z	0	c	29.91	+ .17	59	57	— 2	SSE	2	c	2	64	59	—
Oxö (Xtiansund) ...	29.84	61	WSW	6	bc	29.89	+ .14	59	55	— 2	WSW	2	c	1	64	54	—
Skagen (The Skaw)	29.88	61	W	2	b	29.91	+ .14	62	60	0	WNW	3	c	2	68	55	—
Fanö ...	29.91	57	NW	1	b	29.95	+ .16	62	59	— 1	Z	0	c	*	68	54	—
Cuxhaven	29.88	?	NW	2	c	29.95	+ .16	64	62	+ 9	NW	3	bc	*	66	54	—
‡Sumburgh Head	29.72	56	E	4	o	29.74	+ .05	55	54	0	WSW	2	o	2	60	53	0.07
‡Stornoway .	29.66	55	SSW	5	r	29.74	+ .02	58	55	+ 3	SSW	5	bc	4	60	52	0.22
Wick	29.69	58	SE	4	o	29.80	+ .05	58	56	0	SSW	2	b	2	64	50	0.16
Nairn ...	29.66	67	SW	2	bc	29.81	+ .05	57	54	— 1	Z	0	b	1	71	51	0.13
‡Aberdeen ..	29.75	59	S	2	o	29.83	+ .08	60	57	+ 2	Z	0	bc	1	65	54	0.04
Leith	29.75	62	WSW	1	c	29.87	+ .11	60	56	0	W	1	bc	*	72	55	0.08
‡Shields	29.80	60	Z	0	o	29.90	+ .12	61	58	+ 3	W	1	c	2	? 62	57	0.01
Spurn Head	29.77	61	SE	3	bc	29.90	+ .16	63	60	+ 4	SSW	2	bc	2	64	59	—
York	29.82	64	SSE	1	o	29.92	+ .16	61	60	+ 1	SW	1	o	*	68	56	0.01
Loughborough	29.85	65	Z	0	o	29.94	+ .15	61	59	+ 2	Z	0	omg	*	70	58	—
‡Ardrossan .	29.76	59	S	3	o	29.89	+ .12	58	57	0	SW	3	o	2	61	55	0.21
‡Mullaghmore ..	29.73	59	W	4	o	29.88	+ .14	58	54	+ 3	SW	4	o	4	61	52	0.02
Donaghadee ...	29.76	57	S	4	r	29.92	+ .10	58	56	+ 2	W	4	bc	2	61	48	0.06
Parsonstown ...	29.80	61	WSW	1	c	29.96	+ .16	55	53	+ 1	S	1	o	*	66	48	0.06
Barrow-in-Furness																	
‡Holyhead ...	29.82	60	SSW	8	og	29.94	+ .12	61	58	+ 2	WNW	2	b	1	65	55	0.16
Liverpool (Bidston)	29.82	64	W	1	bc	29.94	+ .13	60	58	+ 2	SSW	1	o	2	68	58	0.05
‡Valencia	29.86	61	W	3	bc	29.95	+ .20	59	58	0	SSE	2	o	2	65	50	0.01
Roche's Point ...	29.83	63	N	3	b	29.97	+ .17	55	53	— 3	N	1	bcmq	2	66	47	—
Pembroke ..	29.83	60	SSW	2	f	29.96	+ .11	59	57	— 2	WNW	1	bc	1	63	55	0.04
‡Scilly	29.87	61	WNW	4	of	29.98	+ .12	60	59	0	SSW	1	rf	4	64	58	0.02
Prawle Point ...	29.90	58	SSW	2	f	29.97	+ .06	60	60	+ 1	SW	2	bc	1	64	56	0.07
Hurst Castle ...	29.92	62	W	3	bc	29.98	+ .10	62	62	+ 2	WSW	1	o	2	66	59	0.02
‡Dover	29.89	61	WSW	3	o	29.98	+ .19	60	59	+ 3	Z	0	omd	0	63	56	0.06
‡London	29.89	64	WSW	2	c	29.97	+ .15	61	59	+ 5	WSW	1	c	*	67	52	—
Oxford	29.89	61	SSE	1	c	29.96	+ .13	60	59	+ 2	SSE	1	odg	*	66	56	—
Cambridge ..	29.87	60	NW	1	o	29.96	+ .18	60	58	+ 3	SW	1	c	*	66	53	0.03
‡Yarmouth ...	29.86	63	SSE	3	b	29.95	+ .18	63	60	+ 4	Z	0	bc	1	65	57	—
The Helder ...	29.91	61	WNW	1	b	29.98	+ .23	59	57	0	SSW	1	bc	1	66	52	—
Cape Gris Nez	29.90	61	WSW	4	o	29.99	+ .19	59	58	0	S	4	f	3	63	55	0.12
‡Jersey	29.95	62	SW	2	odm	30.03	+ .09	62	61	+ 3	WNW	3	cg	3	66	59	0.05
Brest	29.97	61	NW	4	m	30.04	+ .07	61	60	+ 2	WNW	3	o	2	64	59	0.04
Lorient	29.94	64	NW	4	m	30.01	+ .09	62	59	+ 5	WNW	4	c	2	66	54	—
‡Rochefort ...	29.99	67	W	5	c	30.01	+ .08	66	63	+ 4	NW	5	m	2	70	59	0.08
Biarritz	30.12	69	WNW	4	o	30.13	+ .03	67	65	+ 5	SW	3	c	2	72	59	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.03	+ .22	60	57	+ 4	SW	1	b	*	67	55	—
Charleville ...	29.94	60	W	?	o	? 30.05	+ .21	59	55	+ 5	W	3	o	*	64	54	—
Paris	29.99	63	W	4	o	30.05	+ .14	57	56	— 1	SSW	4	o	*	*	*	0.04
Lyons	30.02	66	N	3	b	30.11	+ .13	64	57	+ 9	ENE	1	bc	*	73	53	0.04
Toulon	29.92	68	W	8	b	29.95	— .03	64	55	+ 1	NW	8	b	7	73	61	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.62	57	WSW	1	o	28.70	+ .13	57	55	— 1	SSW	1	b	*	59	54	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.82	64	61	SSW	4	c	3
Sumburgh Head	29.72	58	56	NW	2	o	2
Stornoway ...	29.68	59	58	SE	3	o	3
Aberdeen ...	29.76	61	59	ESE	1	bc	1
Shields	29.80	60	59	E	2	bc	2
Ardrossan ...	29.75	60	58	S	1	c	1
Mullaghmore ...	29.68	59	57	SSW	5	opg	4
Holyhead	29.82	63	59	SW	3	b	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.83	61	61	W	3	om	4
Scilly	29.85	63	63	WSW	4	f	4
Dover	29.84	60	58	WNW	2	o	3
London ...	29.87	65	60	WSW	2	o	*
Yarmouth ...	29.84	64	59	SE	3	b	2
Jersey	29.96	64	59	W	3	b	3
Rochefort ...	29.97	70	64	NW	5	bc	2
Ben Nevis (4406 ft) 9am on 17th	25.32	46	46	S	4	f	MAX. 49 MIN 45 RAIN 0.01

The small depression which was approaching our SW. coast this morning is travelling N.wds, and the barometer is rising again at Valencia as well as at our E.rn stations. The winds have veered to the W.wd in the SW., but in the E they have shifted to E. or SE. The weather is still dull in the extreme S. but has cleared in most other districts.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY, 19TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/L per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith. 7a Southwick St. Lowndes Square

WEATHER CHARTS

for 8 a.m. on SATURDAY. 19TH AUGUST. 1882.

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
» → - forces above 10; ›—→ - forces 8 to 10
—→ - forces 5 to 7; —› - forces 1 to 4;
⊙ - dead calm.

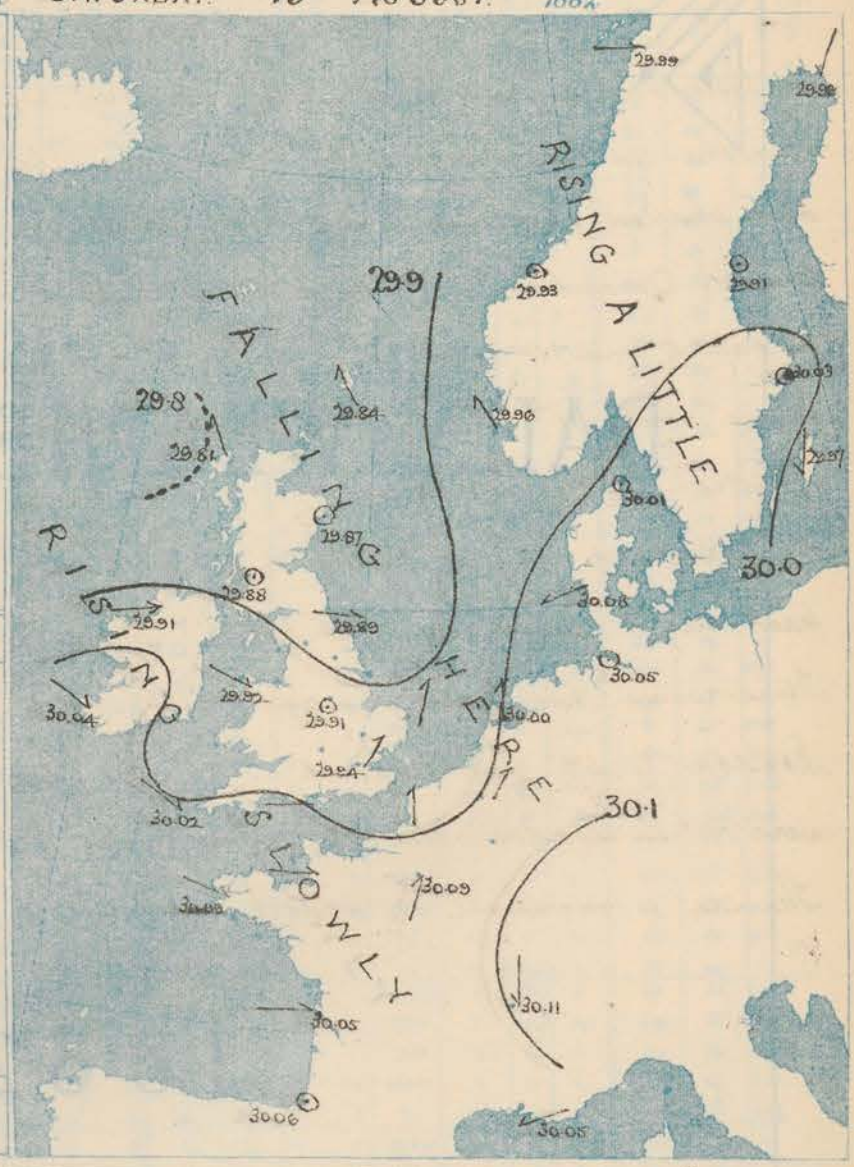
Sea Disturbance, where considerable, is shown by shading round the coast: thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings
	Ins.
Nairn	29 . 853
Aberdeen	29 . 863
Leith	29 . 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greenwastle	29 . 909
Holyhead	29 . 939
Valenaa	29 . 965
Roche's Pt.	29 . 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

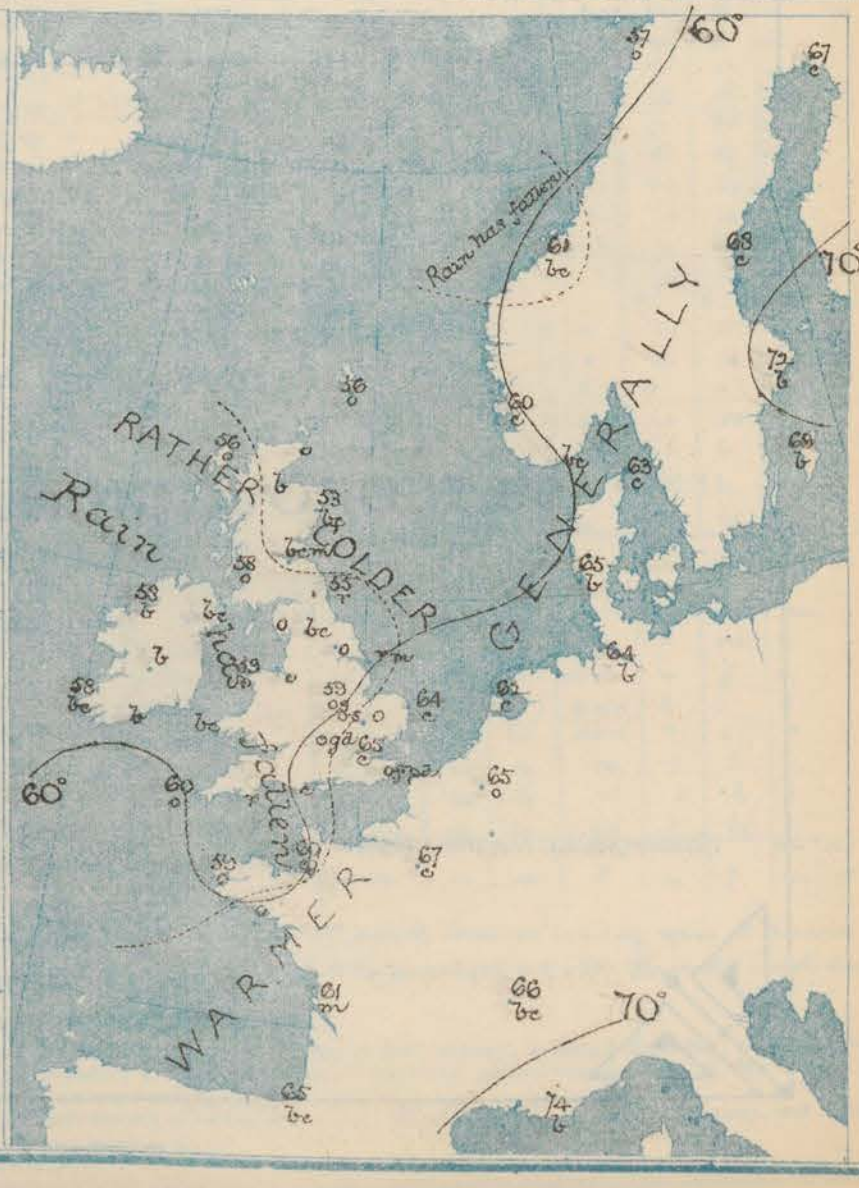
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St. Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY 19th AUGUST 1882 at 8 a.m.

The barometer is rising a little over our west coasts, the north of France, and the eastern shores of the north sea, but in other districts it is falling, and shallow depressions are now found over the NE of England and the Bristol Channel. The wind is light or moderate in force generally. On our E^n and N^n coasts it is SW^ly or S^ly but in the west & South west it has veered to the W^d. Fine weather prevails over Ireland and the East of Scotland, but elsewhere the sky is cloudy or overcast, with rain in the NE of England, and at Prawle Point & Dover. In the course of the past night slight rain has fallen at all but our northern stations. Temperature has fallen in the East & North and ranges from 65° in London to 53° at Aberdeen. The highest maxima registered yesterday were 71° in London and at Oxford, and 70° at Leith & Stuart Castle. The sea is moderate or smooth

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

20th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S^ly winds, light; cloudy, some rain	6 SCOTLAND WEST	SW^ly winds, light; fair
2 SCOTLAND EAST	Calms, or variable airs; cloudy and rainy to fair.	7 ENGLAND N.W.	W^ly winds, light; cloudy to fine
3 ENGLAND N E	W^ly winds, light; rainy to fair	8. ENGLAND S.W.	W^ly and NW^ly winds, moderate; fair generally
4 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	W^ly and NW^ly winds, light or moderate; fine generally.
5 MIDLAND COUNTIES	Same as N° 5	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
6 ENGLAND SOUTH	SW^ly to W^ly winds, light or moderate; cloudy and showery to fair	WARNINGS	NONE ISSUED

Harrison & Sons, St. Martin's Lane, London

METEOROLOGICAL OBSERVATIONS FOR 19TH AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.93	62	SW	2	b	29.93	·00	67	65	+ 3	NE	2	c	*	72	59	-
Hernösand	29.93	65	S	2	r	29.91	-·06	68	63	+ 5	Z	0	c	*	77	61	?
Stockholm ...	30.00	69	S	2	b	30.03	+·08	72	65	+ 1	Z	0	b	*	84	61	-
Wisby	29.96	67	E	2	b	29.97	+·10	69	66	- 2	NNE	2	b	*	82	63	-
Bodö	29.90	59	SW	2	c	29.99	+·19	57	57	- 7	W	2	o	1	70	55	-
Christiansund ...	29.96	61	N	1	c	29.93	+·09	61	59	0	Z	0	bc	0	63	55	0·04
‡Skudesnaes ...	29.97	61	SSE	2	bc	29.96	+·05	60	58	+ 1	SE	4	c	3	64	59	-
Oxö (Xtiansund) ...	29.96	60	WSW	4	b	29.97	+·08	60	58	+ 1	WNW	1	bc	1	64	54	-
Skagen (The Skaw)	29.98	61	NW	2	b	30.01	+·10	63	60	+ 1	Z	0	c	0	70	59	-
Fanö ...	30.04	58	NW	1	b	30.08	+·13	65	61	+ 3	ENE	2	b	*	66	54	-
Cuxhaven ...	30.06	?	NNW	2	b	30.05	+·10	64	63	0	Z	0	b	*	66	55	-
‡Sumburgh Head	29.88	57	SSE	1	c	29.84	+·10	56	55	+ 1	SSE	2	o	1	61	51	-
‡Stornoway ...	29.82	58	S	5	c	29.81	+·07	56	55	- 2	SSE	4	o	4	60	52	0·04
Wick	29.88	60	SW	2	bc	29.84	+·04	59	57	+ 1	Z	0	o	0	64	49	-
Nairn	29.87	63	SW	1	b	29.85	+·04	55	52	- 2	SW	1	b	0	69	50	-
‡Aberdeen ...	29.88	65	S	1	c	29.87	+·04	53	51	- 7	Z	0	bc	0	69	47	-
Leith	29.92	62	W	1	o	29.88	+·01	60	55	0	SSW	1	bcm	*	70	46	-
‡Shields	29.94	61	SE	2	o	29.89	-·01	55	55	- 6	W	1	r	2	67	53	0·21
Spurn Head	29.94	64	ESE	1	c	29.88	-·02	60	60	- 3	SW	3	rm	2	69	59	0·36
York	29.95	66	SSW	1	c	29.89	-·03	55	55	- 6	WNW	1	o	*	68	54	0·21
Loughborough	29.95	67	Z	0	c	29.91	-·03	59	58	- 2	Z	0	og	*	67	59	0·46
‡Ardrossan ...	29.92	61	Z	0	o	29.88	-·01	58	58	0	SW	1	o	1	62	53	0·02
‡Mullaghmore ...	29.90	60	W	1	o	29.91	+·03	58	54	0	WSW	5	b	4	66	55	0·02
Donaghadee ...	29.94	60	S	3	c	29.91	-·01	60	58	+ 2	W	3	bc	1	65	54	0·10
Parsonstown ...	29.94	59	Z	0	o	30.02	+·06	56	53	+ 1	NW	1	b	*	65	50	0·02
Barrow-in-Furness	29.97	61	W	3	bc	29.91	·00	57	56	- 1	?	3	o	2	66	56	0·08
‡Holyhead ...	29.96	60	SSW	2	c	29.92	-·02	59	57	- 2	WNW	2	o	1	65	56	-
Liverpool (Bidston)	29.97	60	NW	1	o	29.91	-·03	57	55	- 3	WSW	1	o	2	65	55	0·05
‡Valencia	29.96	60	SW	3	o	30.04	+·09	58	57	- 1	WNW	3	bc	4	66	53	0·06
Roche's Point ...	29.98	60	SW	3	bc	30.00	+·03	57	53	+ 2	NNW	3	b	3	65	52	-
Pembroke ...	29.97	58	N	1	c	29.97	+·01	59	56	0	W	2	bc	2	62	56	0·01
‡Scilly	29.92	62	ESE	2	f	30.02	+·04	60	58	0	WNW	4	o	4	62	57	0·04
Prawle Point ...	29.99	60	SSW	2	o	30.01	+·04	57	57	- 3	WNW	3	r	2	66	55	0·09
Hurst Castle ...	30.00	63	WSW	3	c	29.94	-·02	61	61	- 1	W	3	c	2	70	58	0·03
‡Dover	30.01	62	W	3	cm	29.98	·00	63	62	+ 3	WSW	4	ofdq	3	65	60	0·04
‡London	29.98	68	SW	2	c	29.94	-·03	65	62	+ 4	SW	2	c	*	71	58	-
Oxford	29.97	67	SSW	2	o	29.91	-·05	63	61	+ 3	S	2	odg	*	71	59	0·03
Cambridge ...	29.97	68	SW	1	o	29.91	-·05	63	62	+ 3	S	1	o	*	74	58	-
‡Yarmouth ...	29.98	65	SSE	3	b	29.94	-·01	64	62	+ 1	SSW	3	c	2	67	61	-
The Helder ...	30.03	61	SW	1	bc	30.00	+·02	62	61	+ 3	S	1	c	1	70	59	-
Cape Gris Nez	30.04	62	SW	5	m	29.99	·00	63	63	+ 4	S	4	?	2	68	59	-
‡Jersey	30.05	66	S	2	b	30.06	+·03	60	59	- 2	W	4	cg	3	68	58	0·01
Brest	30.02	61	WNW	4	f	30.09	+·05	59	58	- 2	WNW	4	o	3	64	59	0·04
Lorient	?30.00	64	SW	4	m	?29.92	-·09	63	58	+ 1	NW	4	o	1	66	57	-
‡Rochefort ...	30.06	68	NW	4	m	30.05	+·04	68	63	+ 2	W	1	m	0	73	59	-
Biarritz	30.10	69	NNE	3	bc	30.06	-·07	65	63	- 2	E	1	bc	2	73	59	-
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.04	+·01	65	63	+ 5	SW	3	o	*	74	?	-
Charleville ...	?30.06	57	SSE	4	c	?30.16	+·11	64	61	+ 5	E	3	o	*	73	52	-
Paris	30.06	66	SW	1	o	30.09	+·04	67	64	+ 10	SSW	1	c	*	*	*	0·12
Lyons	30.08	71	E	1	bc	30.11	·00	66	62	+ 2	N	1	bc	*	72	63	-
Toulon	29.96	?	NW	3	b	30.05	+·10	74	61	+ 10	ENE	4	b	3	77	61	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.74	57	W	1	c	28.69	-·01	52	51	- 5	NW	1	bc	*	63	51	0·10

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.96	64	60	SSW	4	bc	3
Sumburgh Head	29.96	60	56	WSW	3	b	3
Stornoway ...	29.81	58	57	SW	5	o	4
Aberdeen ...	29.89	65	58	SSE	2	b	1
Shields	29.94	63	59	Z	0	o	2
Ardrossan ...	29.93	61	59	SSW	2	c	1
Mullaghmore ...	29.91	61	58	SW	3	og	2
Holyhead	29.98	62	56	WSW	2	o	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.96	66	65	SSW	4	c	4
Scilly	29.97	60	60	E	3	fd	4
Dover	30.01	65	63	WSW	3	cm	2
London ...	29.99	68	64	WSW	1	o	*
Yarmouth ...	29.99	66	61	SSE	4	o	
Jersey	30.06	66	62	WSW	2	b	2
Rochefort ...	30.06	72	67	NW	5	bc	2
Ben Nevis (4406 ft) 9am. on 18th.	25.39	40	40	SW	4	fr	Max 47, Min 37, Rain 0.32

The barometer continues to rise at all stations excepting Scilly, where a slight fall has set in accompanied by a shift of wind to E. The weather is cloudy in most places and misty rain is still reported from Scilly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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ROBERT H. SCOTT

(SECRETARY)

WEATHER CHARTS

for 8 a.m. on SUNDAY 20TH AUGUST 1882

BAROMETER, WIND & SEA.

Explanation of Map.

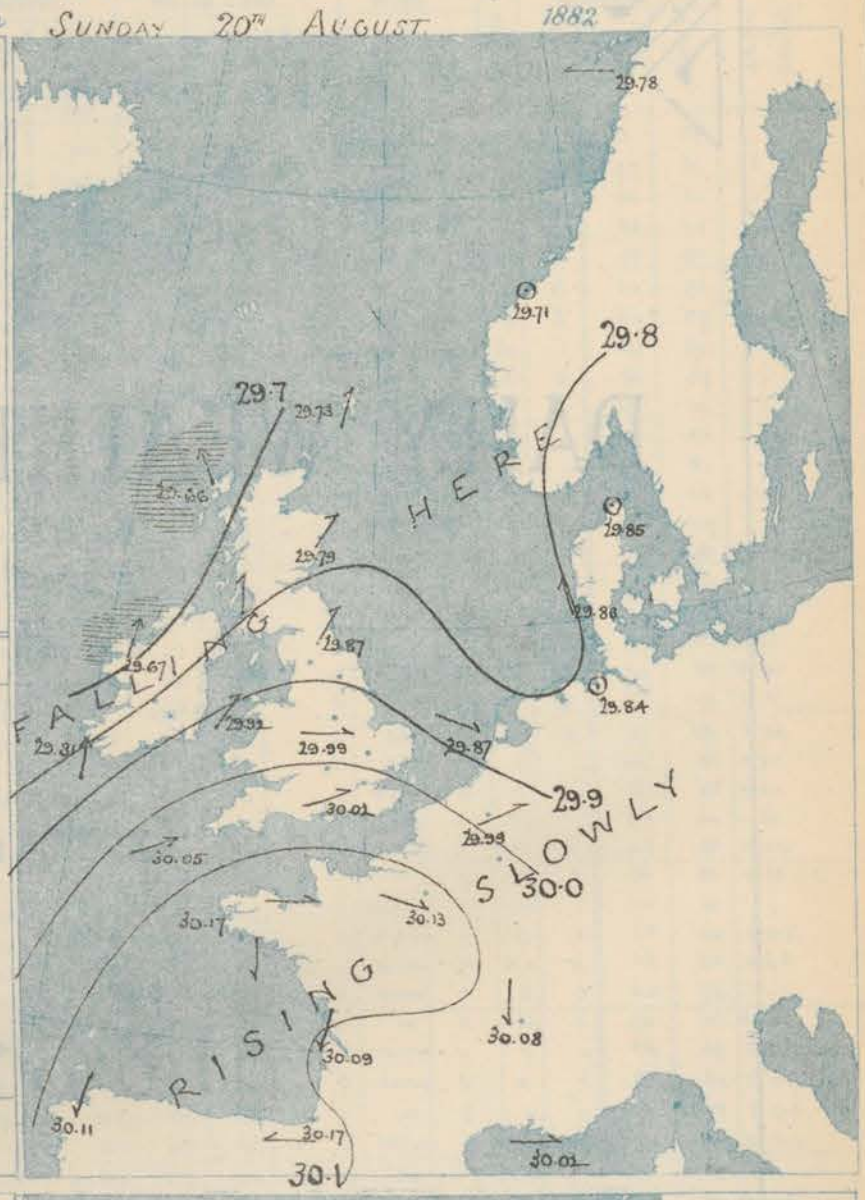
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ - forces above 10; → - forces 8 to 10
→ - forces 5 to 7; → - forces 1 to 4;
⊙ - dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast: thus - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings. ins.
Nairn	29 . 853
Aberdeen	29 . 863
Leith	29 . 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valencia	29 . 965
Roche's Pt.	29 . 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map

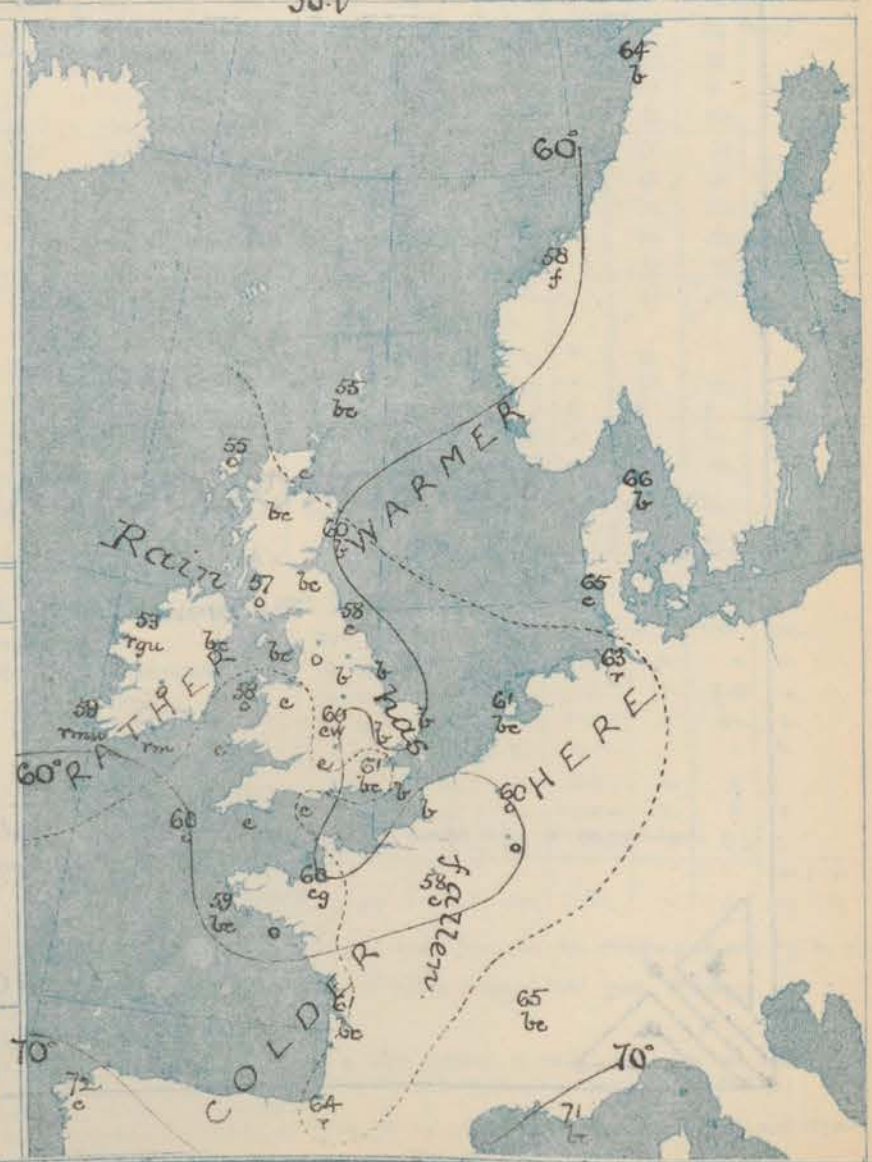
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SUNDAY 20th AUGUST 1882 at 8 a.m.

Barometric pressure is increasing a little over France & the E & S of England but decreasing briskly over Ireland & the W of Scotland, towards which coasts a large & somewhat deep depression is advancing from the Atlantic. The wind is light from the W^ward in all the E^n parts of the Kingdom, and the weather fair, but in the W & NW fresh or strong S^ly winds are reported with much cloud & rain in places. Temperature has risen a little at most of our stations, but fallen on the Continent & readings now range over our Islands from 53° at Mullaghmore to 64° at Dover. The sea is rough in the NW, moderate or slight elsewhere

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
2 SCOTLAND EAST		7 ENGLAND N.W.	
3 ENGLAND N.E.		8 ENGLAND S.W.	
4 ENGLAND EAST		9 IRELAND NORTH	
5 MIDLAND COUNTIES		10 IRELAND SOUTH	
6 ENGLAND SOUTH		WARNINGS	

METEOROLOGICAL OBSERVATIONS FOR 20th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand														*			
Stockholm ...														*			
Wisby														*			
Bodö	29.95	58	NNE	2	c	29.78	-.21	64	60	+ 7	E	2	b	1	64	55	–
Christiansund...	29.86	62	W	2	c	29.71	-.22	58	57	– 3	S	0	f	0	66	52	–
‡Skudesnaes ...																	
Oxö (Xtiansund) ...	29.96	61	ENE	1	b	29.83	-.14	63	59	+ 3	ENE	2	0	2	64	?	–
Skagen (The Skaw)	29.95	63	ENE	2	b	29.85	-.16	66	65	+ 3	S	0	b	0	70	57	–
Fanö	29.94	56	S	1	b	29.80	-.28	65	62	0	SSE	2	bc	*	68	55	–
Cuxhaven ...	30.03	?	N	1	b	29.84	-.21	63	61	– 1	NNW	1	h	*	66	59	0.30
‡Sumburgh Head	29.79	57	E	3	c	29.73	-.11	55	53	– 1	SSW	3	bc	3	59	49	–
‡Stornoway ...	29.81	59	W	4	b	29.66	-.15	55	54	– 1	SSE	5	0	5	62	49	0.05
Wick	29.80	57	NW	2	c	29.72	-.12	56	53	– 3	S	2	c	1	65	45	–
Nairn ...	29.83	63	SW	1	b	29.75	-.10	56	53	+ 1	S	0	bcr	0	64	46	0.05
‡Aberdeen ...	29.83	59	NNW	1	bc	29.79	-.08	60	55	+ 7	SW	1	b	0	68	44	0.07
Leith	29.86	63	W	1	b	? 29.80	-.08	58	54	– 2	SW	1	bc	*	69	49	0.01
‡Shields	29.87	65	W	2	c	29.87	-.02	58	54	+ 3	SW	1	c	2	65	?	0.01
Spurn Head ...	29.90	58	NE	1	c	29.93	+.05	58	56	– 2	W	3	b	2	62	54	0.05
York	29.90	65	W	4	bc	29.84	-.05	60	57	+ 5	WSW	2	b	*	67	47	0.05
Loughborough ...	29.95	61	WSW	1	0	29.99	+.08	60	56	+ 1	W	2	cw	*	68	47	0.13
‡Ardrossan ...	29.89	59	SW	3	c	29.79	-.09	57	56	– 1	S	4	0	3	66	54	–
‡Mullaghmore ...	29.96	59	WNW	5	c	29.67	-.24	53	52	– 5	SSW	6	rgu	6	63	50	0.08
Donaghadee ...	29.93	62	NW	3	bc	29.83	-.08	57	55	– 3	SSW	5	bc	3	69	50	–
Parsonstown ...	30.03	58	WSW	2	0	29.82	-.20	55	53	– 1	S	2	0	*	64	52	0.12
Barrow-in-Furness	29.94	60	NW	2	b	29.91	.00	60	55	+ 3	SW	4	bc	3	66	55	–
‡Holyhead ...	29.98	60	SW	3	b	29.92	.00	58	54	– 1	SW	4	0	3	64	55	–
Liverpool (Bidston)	29.96	60	W	3	b	29.93	+.02	59	55	+ 2	SW	2	c	2	63	54	–
‡Valencia	30.08	59	WSW	4	c	29.81	-.23	59	59	+ 1	S	6	rmu	6	64	54	0.04
Roche's Point...	30.05	61	W	4	bc	29.90	-.10	58	57	+ 1	SW	5	rm	4	66	54	–
Pembroke ...	30.03	60	W	4	b	29.98	+.01	59	55	0	WSW	4	c	3	60	57	–
‡Scilly	30.11	60	WNW	5	bc	30.05	+.03	60	57	0	WSW	5	0	4	63	56	–
Prawle Point ...	30.08	61	WSW	4	b	30.08	+.07	59	56	+ 2	SW	4	c	4	65	51	–
Hurst Castle ...	30.05	65	NNW	3	b	30.07	+.13	59	56	– 2	WNW	4	c	2	68	53	0.02
‡Dover	29.95	63	WSW	3	bc	30.02	+.04	67	59	+ 4	WSW	3	b	1	67	55	0.02
‡London	29.98	65	W	2	c	30.02	+.08	61	58	– 4	WSW	2	bc	*	71	48	–
Oxford	30.01	58	NW	1	bc	30.02	+.11	55	54	– 8	SSW	2	c	*	65	49	0.02
Cambridge ...	29.93	62	W	1	0	30.00	+.09	58	56	– 5	W	1	b	*	70	47	0.07
‡Yarmouth ...	29.90	62	NW	3	c	29.97	+.03	60	56	– 4	WNW	2	b	1	70	50	0.13
The Helder ...	29.92	64	SW	3	c	29.87	-.13	61	58	– 1	WNW	4	bc	3	70	61	0.08
Cape Gris Nez	29.98	62	WSW	8	0	30.06	+.07	58	57	– 5	WNW	5	b	4	66	57	0.04
‡Jersey	30.12	61	WNW	3	c	30.14	+.08	60	56	0	W	3	cq	3	64	54	–
Brest	30.15	60	NNW	3	b	30.17	+.08	59	56	0	WNW	4	b	2	64	55	–
Lorient	?30.07	64	NW	5	bc	? 30.14	+.22	57	54	– 6	N	1	0	1	64	54	0.04
‡Rochefort ...	30.04	68	NW	5	0	30.09	+.04	61	59	– 7	NNE	5	bc	2	75	55	–
Biarritz	30.10	70	WSW	4	b	30.17	+.11	64	63	– 1	E	3	h	2	74	59	0.10
Corunna	*	*	*	*	*	30.11	+.10	72	66	+ 6	NNE	1	c	2	77	57	–
Brussels	*	*	*	*	*	29.99	-.05	60	58	– 5	WSW	3	0	*	73	57	0.08
Charleville ...	?30.02	56	W	3	c	? 30.04	-.12	57	53	– 7	N	3	0	*	75	53	0.16
Paris	30.05	63	NW	5	h	30.13	+.04	58	56	– 9	WNW	4	c	*	*	*	0.71
Lyons	30.05	72	N	1	bc	30.08	-.03	65	61	– 1	N	1	bc	*	79	60	–
Toulon	30.04	74	E	0	b	30.02	-.03	71	67	– 3	W	4	bc	2	79	66	–
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.70	57	WSW	2	b	29.68	-.01	53	52	+ 1	SSW	2	0	*	61	45	0.02

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.93	63	60	SSE	6	b	3
Sumburgh Head	29.82	58	57	SSE	2	0	2
Stornoway ...	29.81	62	55	W	4	bc	3
Aberdeen ...	29.82	63	58	E	0	c	0
Shields	29.87	61	58	E	1	c	2
Ardrossan ...	29.87	64	61	W	2	b	1
Mullaghmore ...	29.94	60	56	W	5	bcr	5
Holyhead ...	29.97	62	58	WSW	3	bc	2

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Valencia ...	30.09	62	61	W	3	c	4
Scilly	30.09	62	57	NW	5	bc	4
Dover	29.96	63	61	SW	6	cm	4
London ...	29.94	65	60	WNW	3	0	*
Yarmouth ..	29.90	66	64	S	4	c	2
Jersey	30.11	61	58	WNW	2	0	3
Rochefort	30.04	72	66	NW	3	0	0
Ben Nevis (4406 ft.) 9 a.m. on 19th	25.37	40	40	Sr	3	f	Max 43, Min 39, Rain 0.10

The rise of the barometer noticed in the W. is extending E.wds and the winds have veered to the W.ds at all our W. and S. stations; In the E. however, the barometer continues to fall with light variable airs or calms. The weather is finer generally than it was this morning.

EXPLANATION OF COLUMNS.

WEATHER —*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning, m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain, s snow, t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY 21ST AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

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WEATHER CHARTS

for 8 a.m. on MONDAY. 21st AUGUST. 1882.

BAROMETER, WIND & SEA

Explanation of Map.

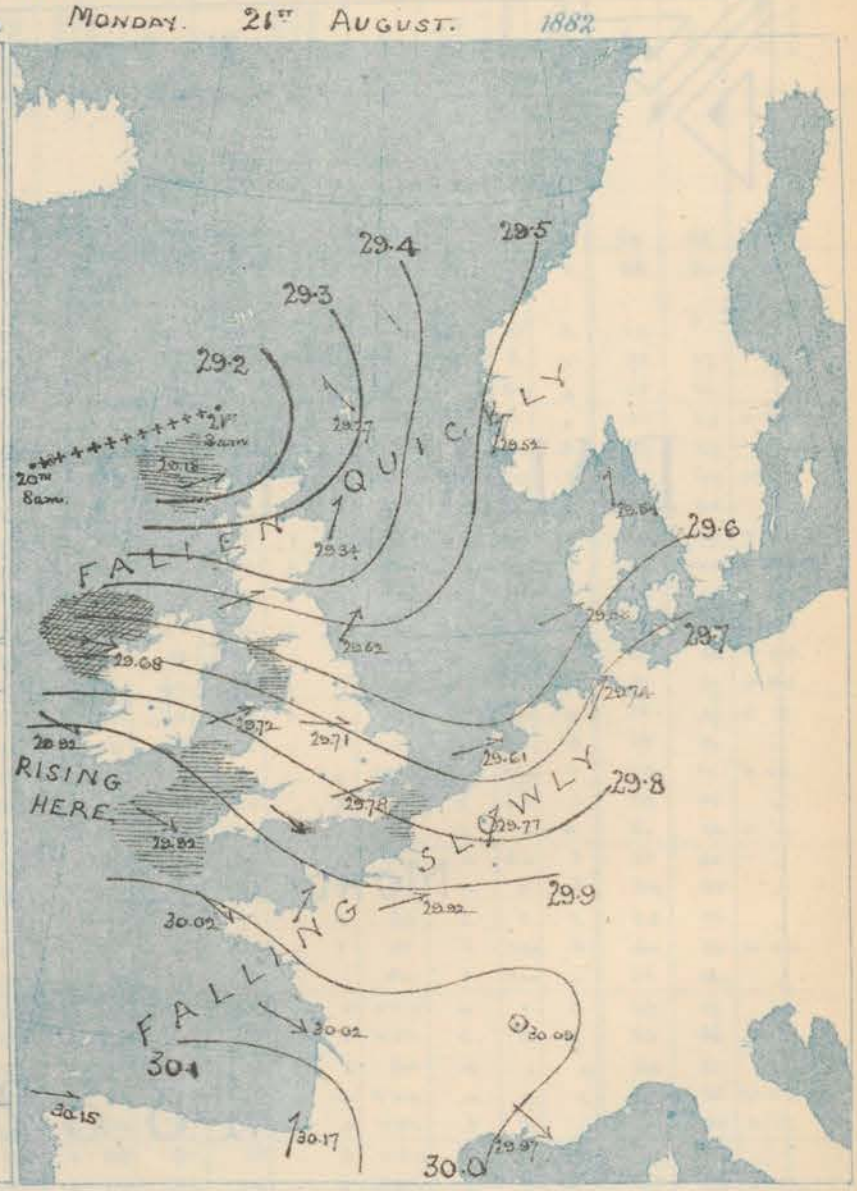
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
» — forces above 10; — forces 8 to 10
— forces 5 to 7; — forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

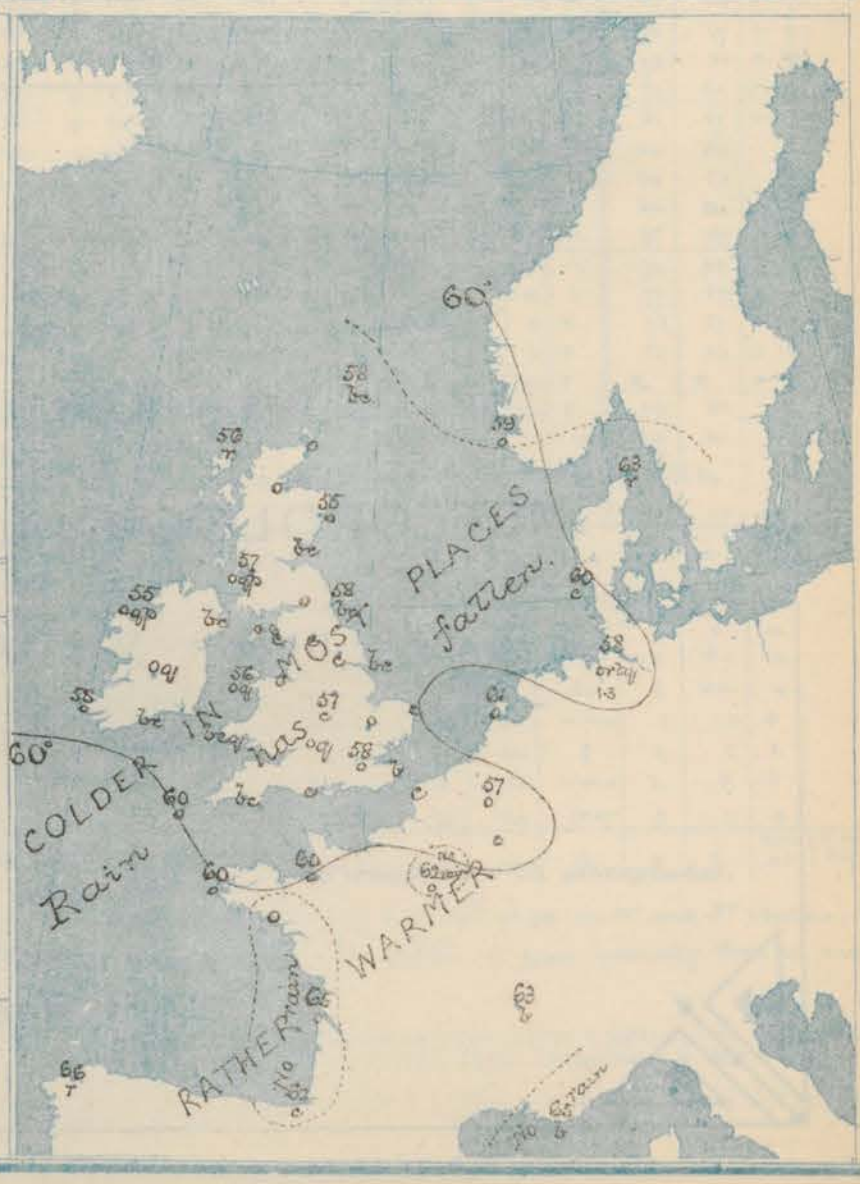
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall.
	°	ins
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY 21st AUGUST 1882 at 8 a.m.

The weather over our Islands remains in a somewhat changeable showery condition, especially over the more W^ly + N^ly districts. Barometric pressure ranges from about 30 ins. over the Bay of Biscay to 29·2 ins. at Stornoway, the gradients being steepest off our NW^ly coasts. The centre of a well-marked depression lies near the Hebrides, and is apparently moving NE^ly, while subsidiary disturbances continue to travel across England from the W^ward. Temperature is remarkably uniform between 55° + 60°, but maxima were recorded yesterday as high as 71° in London + 67° to 69° over our N^ly + Midland Counties. The wind is fresh from SE at Dunburgh Head, but is chiefly W^ly elsewhere + is fresh to strong in force. The sky is cloudy except in the extreme S + E, and showery squally weather prevails in the W + NW. The sea is high at Mullaghmore, rough at Barrow in Furness + rather rough on our W + SW coasts generally. At Dover it is slight, but at Cape Gris Nez it is rather rough.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

22nd AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	S^ly to W^ly winds, strong; squally, showery	SCOTLAND WEST	Same as N° 0
1 SCOTLAND EAST	SW^ly breezes, moderate to fresh; some showers, with bright interrals	7 ENGLAND N.W.	W^ly and SW^ly winds, strong; gusty, showery
2 ENGLAND N E	..... D^o ..... D^o ..... D^o	8. ENGLAND S W.	..... D^o ..... D^o ..... D^o .....
3 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	W^ly breezes, fresh; showery to fair
4 MIDLAND COUNTIES	Same as N°s 1 and 2	10 IRELAND SOUTH	..... D^o ..... D^o ..... D^o .....
5 ENGLAND SOUTH	SW^ly winds, moderate; changeable from showery to clear	WARNINGS	NONE ISSUED

Field Dangerfield, 27 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 21st AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand														*			
Stockholm ...														*			
Wisby														*			
Bodö														*			
Christiansund ...																	
‡Skudesnaes ...	29·73	58	WNW	2	c	29·52		59	58		SSW	2	0	3	59	?	-
Oxö (Christiansund) ...																	
Skagen (The Skaw)	29·73	67	SSE	2	c	29·54	-·31	63	62	- 3	S	4	1	2	71	63	0·20
Fanö ...	29·66	61	SE	4	b	29·58	-·22	60	58	- 5	WSW	1	c	*	73	55	0·08
Cuxhaven	29·73	64	ESE	1	1	29·74	-·10	58	57	- 0	SW	4	0 rq	*	64	55	1·32
‡Sumburgh Head	29·55	55	SE	4	c	29·27	-·46	58	56	+ 3	SE	4	bc	4	60	53	0·34
‡Stornoway	29·26	57	S	6	b	29·18	-·48	56	54	+ 1	WSW	6	1	5	67	53	0·20
Wick	29·44	58	S	5	c	29·24	-·48	54	52	- 2	SW	3	0	2	64	51	0·03
Nairn ...	29·46	61	SW	3	c	29·29	-·46	57	55	+ 3	S	0	0	1	64	52	0·01
‡Aberdeen ...	29·56	55	S	5	0	29·34	-·45	55	53	- 5	SSW	3	0	1	64	52	0·05
Leith	29·54	59	SW	3	bc	29·40	-·40	58	54	0	W	5	bc	*	62	53	0·20
‡Shields	29·68	57	SW	4	1	29·52	-·35	58	54	0	SW	5	bc	2	67	53	0·07
Spurn Head	29·79	64	SW	4	c	29·61	-·32	58	55	0	WSW	5	bc	2	69	55	0·16
York	29·77	61	S	2	0	29·62	-·22	56	54	- 4	W	3	c	*	69	54	0·20
Loughborough	29·82	60	SW	2	0	29·71	-·28	57	53	- 3	W	4	c	*	67	55	0·13
‡Ardrossan ...	29·56	59	WSW	4	cp	29·50	-·29	57	55	0	WSW	4	ogp	4	59	54	0·24
‡Mullaghmore ...	29·62	58	WSW	7	ogq	29·68	+·01	55	52	+ 2	W	8	ogp	7	62	52	0·11
Donaghadee ...	29·62	58	WSW	5	c	29·62	-·21	55	53	- 2	WNW	5	bc	3	63	52	0·12
Parsonstown ...	29·74	59	WNW	2	0	29·80	-·02	55	50	0	W	3	og	*	63	52	0·05
Barrow-in-Furness	29·68	59	SW	6	1	29·62	-·29	55	53	- 5	WNW	5	c	6	62	54	0·62
‡Holyhead ...	29·70	59	SSW	6	m	29·72	-·20	56	53	- 2	WSW	5	og	4	63	54	0·02
Liverpool (Bidston)	29·72	58	S	2	0	29·67	-·26	?55	51	- 4	W	6	0	5	63	54	0·09
‡Valencia	29·85	59	WNW	4	g om	29·92	+·11	58	57	- 1	WNW	3	0	4	64	55	0·02
Roche's Point ...	29·81	59	WNW	5	bc	29·85	-·05	58	55	0	WNW	4	bc	4	66	53	-
Pembroke ...	29·76	59	SW	5	1	29·83	-·15	57	54	- 2	W	5	bcq	5	60	56	0·04
‡Scilly	29·87	61	SW	7	fd	29·92	-·13	60	56	0	WNW	6	0	5	63	58	0·02
Prawle Point ...	29·94	58	SSW	6	1	29·90	-·18	57	55	- 2	WSW	5	bc	4	63	54	0·03
Hurst Castle ...	29·93	61	W	6	c	29·85	-·22	59	56	0	NW	5	c	3	67	56	0·02
‡Dover	29·95	62	WSW	5	b	29·76	-·26	62	57	- 5	W	5	b	3	68	58	0·03
‡London	29·92	61	SSW	3	0	29·78	-·24	58	54	- 3	WSW	2	0	*	71	55	-
Oxford	29·84	58	S	6	1	29·77	-·25	57	52	+ 2	WSW	5	og	*	69	55	0·03
Cambridge ...	29·84	65	SW	2	c	29·70	-·30	58	55	0	SW	2	0	*	71	54	0·09
‡Yarmouth ...	29·85	68	WSW	3	b	29·67	-·30	60	56	0	WNW	4	c	2	70	55	0·15
The Helder ...	29·87	62	W	3	c	29·61	-·26	61	59	0	WSW	4	0	2	64	59	0·08
Cape Gris Nez	30·01	62	WSW	7	b	29·79	-·27	60	57	+ 2	W	8	c	5	64	57	0·04
Jersey	30·04	62	SW	2	bc	29·96	-·18	60	55	0	SW	4	0	3	66	57	0·02
Brest	30·02	59	WSW	5	1	30·02	-·15	60	58	+ 1	NW	4	0	3	64	55	0·04
Lorient	?30·03	62	W	5	0	?29·98	-·16	61	56	+ 4	WNW	5	0	3	64	54	-
‡Rochefort ...	30·08	64	NW	5	c	30·02	-·07	65	64	+ 4	WNW	7	0	3	70	55	-
Biarritz	30·19	66	NW	5	0	30·17	·00	62	60	- 2	SSW	4	c	2	72	59	-
Corunna	*	*	*	*	*	30·15	+·04	66	56	- 5	W	4	1	3	73	59	-
Brussels	*	*	*	*	*	29·77	-·22	57	56	- 3	SSW	7	0	*	69	56	0·04
Charleville ...	?30·01	62	W	3	c	?29·88	-·16	56	52	- 1	W	5	0	*	73	50	0·04
Paris	30·04	66	WNW	4	bc	29·92	-·21	62	58	+ 4	WSW	1	0	*	*	*	-
Lyons	30·05	69	N	1	c	30·09	+·01	63	58	- 2	ENE	1	b	*	77	?	0·08
Toulon	29·97	73	NW	7	b	29·99	-·03	65	59	- 6	NW	5	b	0	81	56	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·51	53	SW	3	1	28·38	-·30	51	49	- 2	WSW	4	0	*	58	49	0·39

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·77	59	58	WNW	2	0	3
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields ...							
Ardrossan ...							
Mullaghmore ...							
Holyhead ...							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.			
Valencia ...										
Scilly										
Dover										
London ...							*			
Yarmouth ...										
Jersey										
Rochefort ...										
Ben Nevis (4406 ft) 9 a.m. on 20th	25·22	38	38	SSW	7	f		Max 42	Min 34	Rain 0·12

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* &c, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

TUESDAY 22nd AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on TUESDAY 22ND AUGUST 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ - forces above 10; → - forces 8 to 10
→ - forces 5 to 7; → - forces 1 to 4;
⊙ - dead calm.

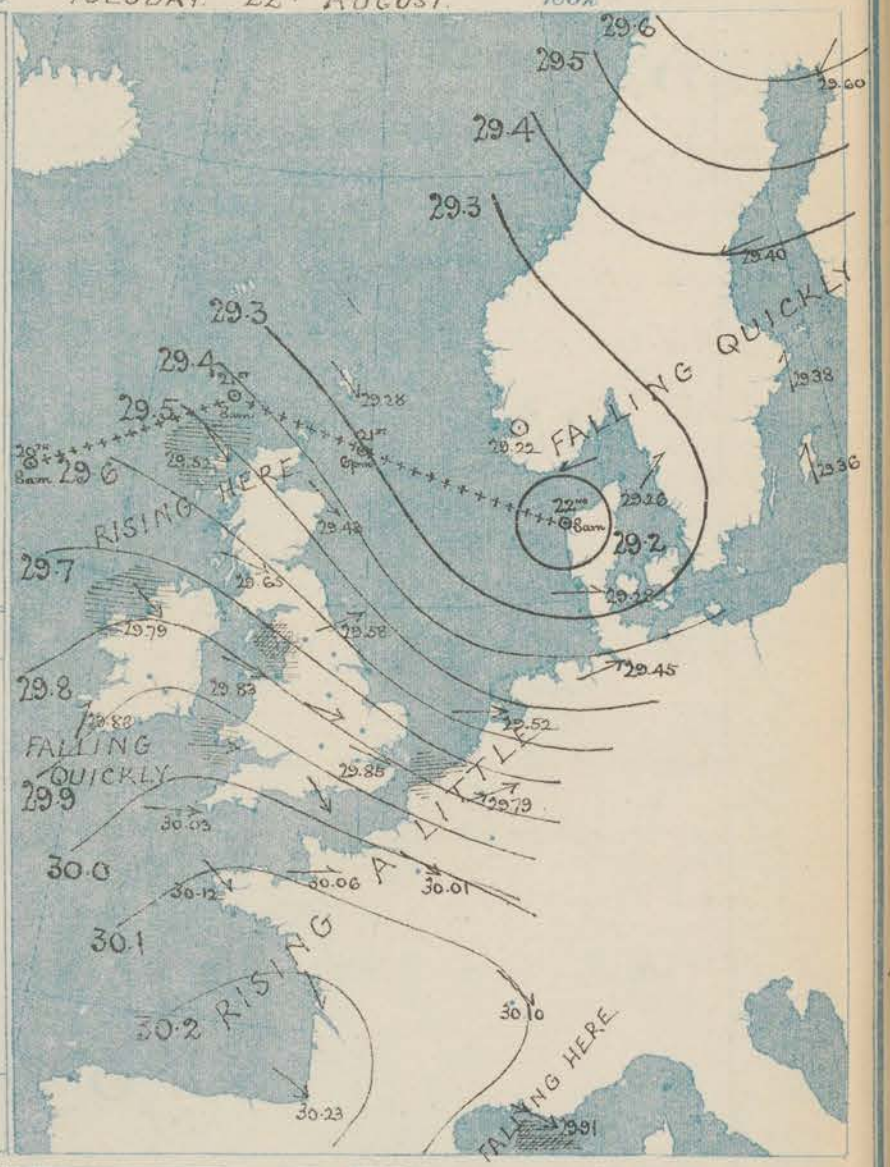
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 · 934
Ardrossan	29 · 908
Greencastle	29 · 909
Holyhead	29 · 939
Valentia	29 · 965
Roche's Pt.	29 · 985
Plymouth	30 · 007
LONDON	29 · 988
Yarmouth	29 · 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

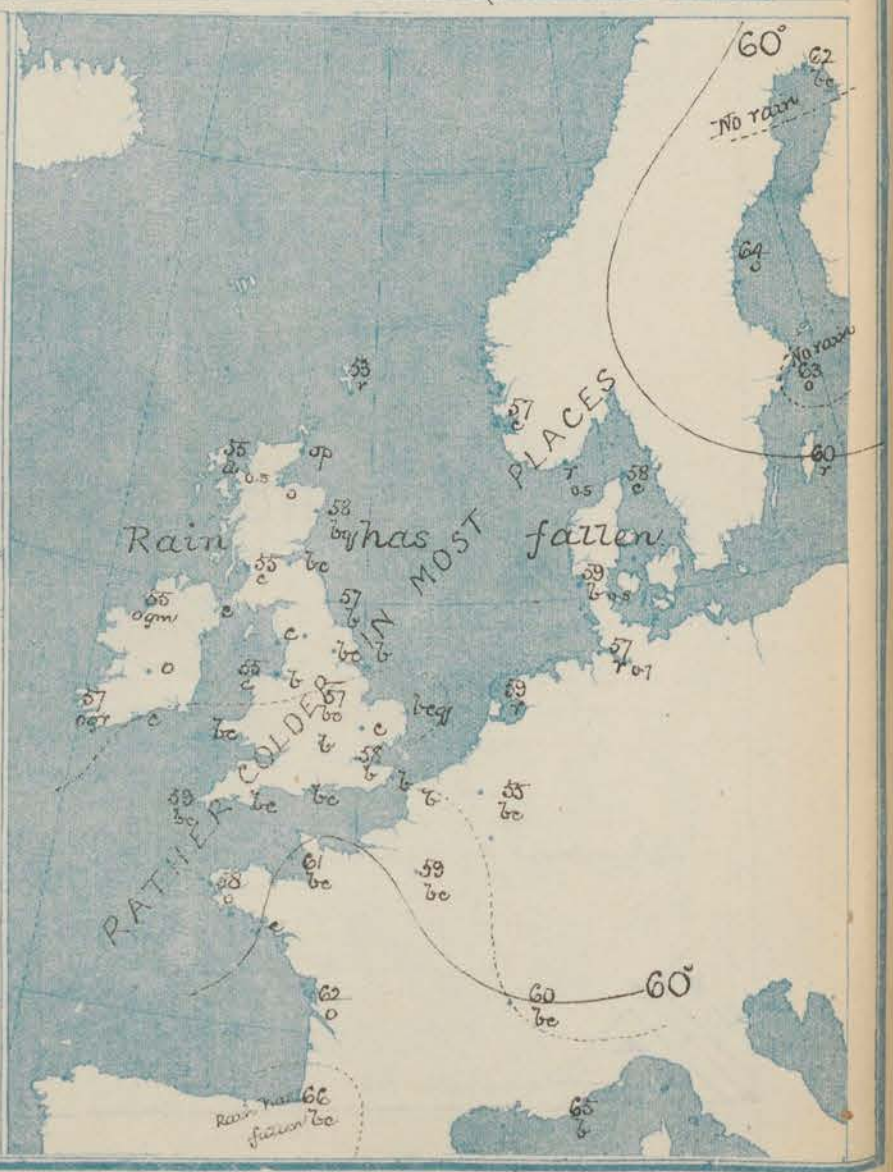
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp	Rain-fall.
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY 22nd AUGUST 1882 at 8 a.m.

The barometric depression which lay off our extreme NW coasts yesterday has moved briskly in an ESE^ly direction & has now reached Denmark. In its rear the wind veered to W or NW, the barometer rose decidedly, the weather cleared (temporarily) & the thermometer fell. This morning a new depression is approaching Ireland quickly, from the W^ward, the barometer having begun to fall fast at Valencia accompanied by a backing of the wind to SSW, with a gloomy appearance & rain. Temperature, after falling to between 50° & 53° at our inland stations is now rising again briskly, the present readings ranging from 54° at Parsonstown to 60° at Dover. The wind is at present strong from the W^ward in most places, & the weather fair generally, except in the extreme W. The sea is rough on our W^n coasts & on the French side of the Channel, moderate at our S^n stations & smooth in the E.

Our W. S. & SE coasts have been warned this morning

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

23rd AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NW^ly and N^ly winds; fair to unsettled.	6 SCOTLAND WEST	Same as N°s 0 and 1
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	Same as N° 2
2 ENGLAND N.E.	Wind varying greatly; finally NW^ly strong; weather changeable, showery, unsettled.	8 ENGLAND S.W.	Same as N° 5
3 ENGLAND EAST	SW^ly winds, moderate, fair; then W^ly to NW^ly strong; squally, showery, cold	9 IRELAND NORTH	Similar to N° 2
4 MIDLAND COUNTIES	Same as N° 2	10 IRELAND SOUTH	SW^ly to NW^ly winds, strong to a gale; rainy, squally, unsettled.
5 ENGLAND SOUTH	SW^ly winds, and fair weather, followed by NW^ly winds, strong to a gale; rainy, squally, unsettled	WARNINGS	The South Cone has been hoisted in districts 5, 8, 9 & 10 and part of 7 this morning.

METEOROLOGICAL OBSERVATIONS FOR 22nd AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.71	64	E	2	0	29.60		62	60		NE	4	bc	*	75	54	–
Hernösand	29.54	63	NE	2	0	29.40		64	63		ENE	2	0	*	75	57	0.12
Stockholm ...	29.47	63	S	2	0	29.38		63	59		SSE	2	0	*	77	61	–
Wisby	29.53	62	SW	6	bc	29.36		60	58		SSE	4	r	*	72	?	0.24
Bodö	–																
Christiansund ..																	
‡Skudesnaes ..	29.47	56	ESE	2	0	29.22	– .30	57	56	– 2	Z	0	c	2	59	54	–
Oxö (Xtiansund) ...	29.27	59	SSE	4	0	29.21		55	55		NE	1	r	3	63	55	0.47
Skagen (The Skaw)	29.32	59	SSW	4	r	29.26	– .28	58	57	– 5	SW	3	c	2	68	54	0.43
Fanö ...	29.35	57	W	4	c	29.28	– .30	59	56	– 1	W	4	p	*	63	55	0.51
Cuxhaven .	29.59	?	W	5	0	29.45	– .29	57	56	– 1	WSW	5	r	*	61	52	0.74
‡Sumburgh Head	29.24	57	E	3	b	29.28	+ .01	53	53	– 5	NW	3	r	3	61	51	0.08
‡Stornoway ...	29.29	55	WNW	7	0	29.52	+ .34	54	52	– 2	NW	6	d	5	57	51	0.52
Wick	29.22	57	NW	2	bc	29.40	+ .16	56	55	+ 2	NW	3	op	2	63	50	0.09
Nairn ...	29.27	57	WNW	3	0	29.49	+ .20	55	53	– 2	WNW	4	0	3	65	54	0.34
‡Aberdeen ...	29.27	61	WNW	3	bc	29.43	+ .09	58	54	+ 3	NW	6	bq	1	69	53	0.11
Leith	29.38	56	WNW	7	r	29.55	+ .15	57	52	– 1	WNW	5	bc	*	62	52	0.02
‡Shields	29.45	58	WSW	5	c	29.58	+ .06	57	53	– 1	WSW	7	b	2	62	53	–
Spurn Head ..	29.53	59	W	7	bc	29.61	.00	58	54	0	W	8	b	b	61	52	0.02
York	29.57	56	W	5	c	29.64	+ .02	58	53	+ 2	WNW	2	bc	*	63	53	0.04
Loughborough .	29.68	59	W	5	bc	29.75	+ .04	57	52	0	WNW	7	bc	*	63	54	–
‡Ardrossan ...	29.48	56	W	7	oqp	29.65	+ .15	55	54	– 2	WNW	5	c	4	60	53	0.08
‡Mullaghmore ...	29.77	57	WNW	8	oqp	29.79	+ .11	55	52	0	NW	6	oqm	6	59	52	0.04
Donaghadee ...	29.64	56	WNW	7	c	29.75	+ .13	55	53	0	NW	5	c	3	63	52	–
Parsonstown ...	29.88	58	W	3	c	29.88	+ .08	54	52	– 1	W	2	0	*	61	50	0.02
Barrow-in-Furness	29.59	59	WNW	8	c	29.75	+ .13	56	52	+ 1	WNW	6	c	7	60	54	0.12
‡Holyhead ...	29.75	58	W	6	c	29.83	+ .11	55	52	– 1	WNW	5	c	4	62	53	0.01
Liverpool (Bidston)	29.62	58	W	7	0	29.73	+ .06	56	52	+ 1	W	6	b	6	61	54	0.01
‡Valencia	30.00	57	WNW	5	bcm	29.88	– .04	57	55	– 1	SSW	3	oqm	4	63	54	–
Roche's Point ...	29.94	59	WNW	5	b	29.97	+ .12	55	52	– 3	W	3	c	3	62	51	–
Pembroke ...	29.85	59	W	6	bc	29.92	+ .09	56	53	– 1	W	5	bc	5	60	55	–
‡Scilly	29.98	60	WNW	6	b	30.03	+ .11	59	55	– 1	W	5	bc	4	63	57	–
Prawle Point ...	29.91	59	WSW	5	c	30.01	+ .11	58	55	+ 1	W	5	bc	4	65	52	–
Hurst Castle ...	29.83	62	NW	5	bc	29.93	+ .08	57	54	– 2	NW	5	bc	3	68	54	–
‡Dover	29.72	62	W	5	bcp	29.83	+ .07	60	53	– 2	WNW	6	b	4	67	51	0.01
‡London	29.73	60	W	4	c	29.85	+ .07	58	52	0	WNW	3	b	*	66	50	–
Oxford	29.79	55	W	4	b	29.85	+ .08	57	52	0	W	5	b	*	64	51	.
Cambridge ..	29.69	55	W	2	b	29.75	+ .05	57	52	– 1	WNW	3	c	*	63	52	–
‡Yarmouth ...	29.63	58	W	4	bc	29.66	– .01	57	53	– 3	WNW	6	bcq	3	63	52	–
The Helder ...	29.54	57	WNW	8	b	29.52	– .09	59	59	– 2	W	7	r	4	63	54	0.12
Cape Gris Nez	29.73	62	W	8	0	29.83	+ .04	59	58	– 1	W	9	b	6	64	57	–
‡Jersey	29.96	61	WNW	6	bc	30.06	+ .10	61	56	+ 1	W	4	bc	4	65	56	–
Brest	30.04	61	NNW	4	m	30.12	+ .10	58	54	– 2	NW	4	0	2	63	57	–
Lorient	30.00	62	NW	7	0	?30.09	+ .11	60	55	– 1	NW	5	c	3	64	57	–
‡Rochefort ...	30.01	65	WNW	7	b	?30.27	+ .25	62	59	– 3	NNW	3	0	2	72	57	–
Biarritz	30.19	68	W	5	r	30.23	+ .06	66	64	+ 4	NW	5	bc	3	70	57	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.79	+ .02	55	52	– 2	WSW	8	bc	*	65	51	0.12
Charleville ...	29.79	59	W	7	0	?29.87	– .01	55	51	– 1	W	8	bc	*	68	52	0.08
Paris	29.86	67	SW	7	bc	30.01	+ .09	59	54	– 3	WNW	5	bc	*	*	*	–
Lyons	30.01	72	W	1	bc	30.10	+ .01	60	57	– 3	NW	1	bc	*	75	57	0.04
Toulon	29.91	69	W	9	b	29.91	– .08	65	59	0	WNW	8	b	7	72	63	–
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.35	50	WSW	5	rm	28.46	+ .08	51	48	0	WSW	4	c	*	55	48	0.43

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.34	54	53	SE	2	r	2
Sumburgh Head	29.23	58	56	SE	4	c	4
Stornoway ...	29.21	57	55	WNW	7	rq	5
Aberdeen ...	29.26	65	58	WSW	4	bc	1
Shields	29.45	61	55	WSW	7	c	2
Ardrossan ...	29.48	57	56	W	6	0	4
Mullaghmore ...	29.73	59	53	WNW	8	cp	7
Holyhead	29.73	61	56	WSW	5	bc	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	30.00	62	61	NW	5	bcq	6
Scilly	29.96	63	58	WNW	6	c	5
Dover	29.73	66	57	W	6	bc	4
London ...	29.73	65	55	W	4	c	*
Yarmouth ...	29.64	62	60	W	5	bcq	2
Jersey	29.96	64	60	W	5	bc	4
Rochefort ...	30.02	69	64	SSW	7	0	2
Ben Nevis (4406 ft) 8 am on 21st.	24.94	40	40	SW	6	f	Max 43 Min 37 Rain 1.97

The depression in the N. is now moving in an ESE^ly direction, and while the wind has veered to NW. in the W. of Scotland with a rising barometer, it continues SE^ly at Sumburgh Head, with a falling barometer.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY 23rd AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

Eyre & Spottiswoode, Lith. to Her Majesty's Stationery Office.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY. 23RD AUGUST. *1882*

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:—
⟶ = forces above 10; ⟶ = forces 8 to 10
⟶ = forces 5 to 7; ⟶ = forces 1 to 4;
⊙ = dead calm.

Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
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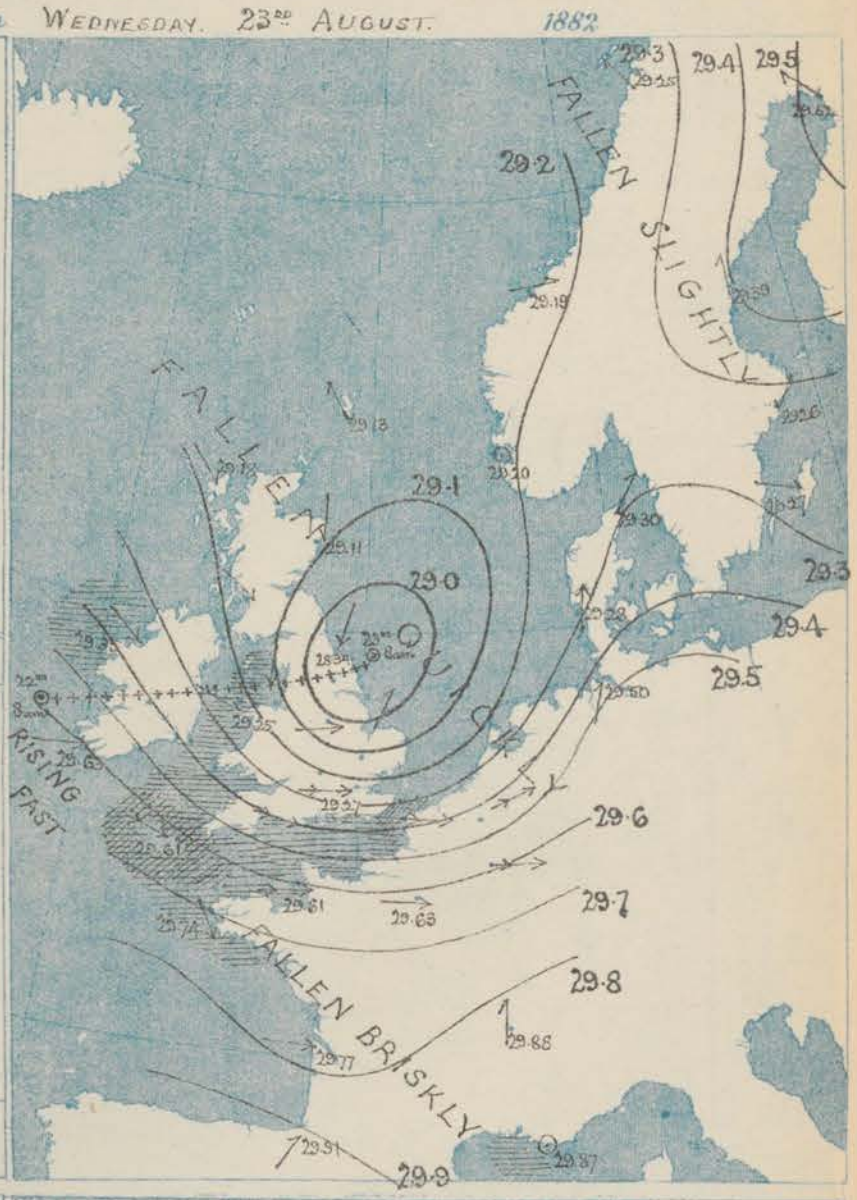
* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sunburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	62·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

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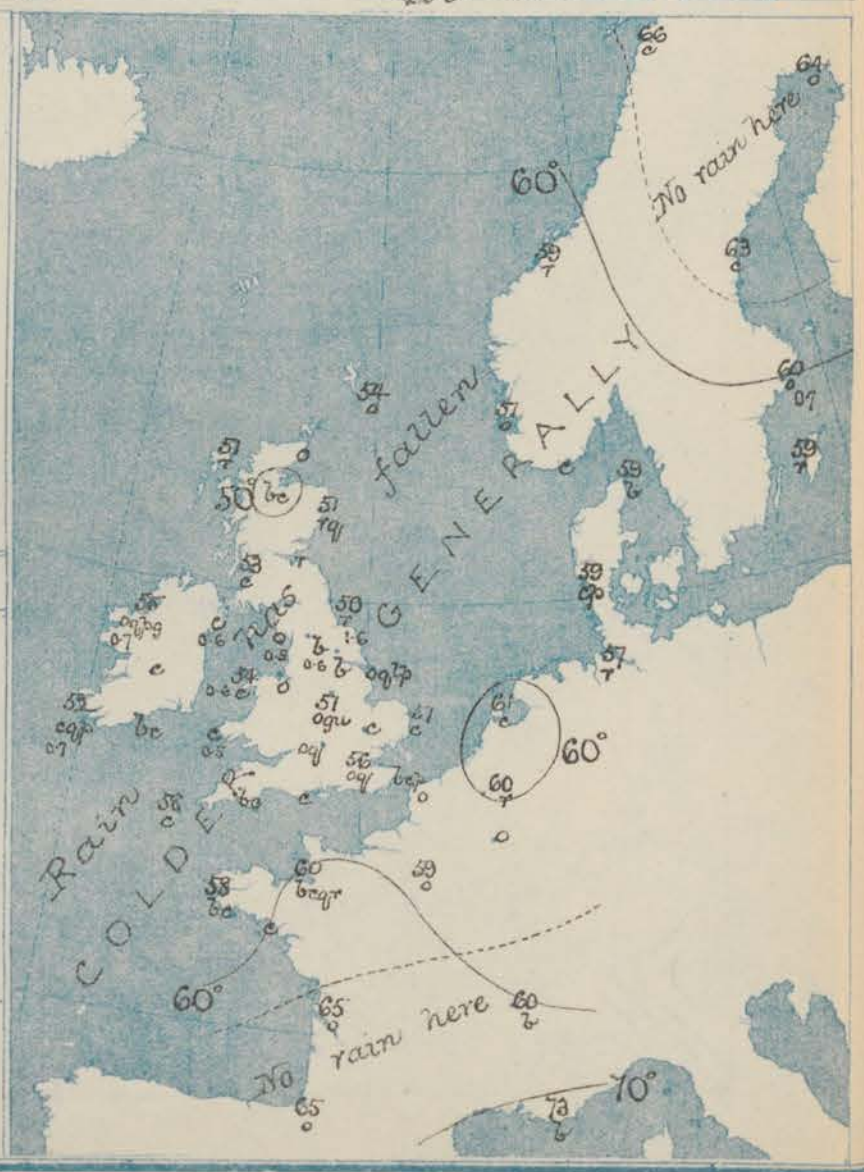

REMARKS

for WEDNESDAY 23rd AUGUST 1882 at 8 a.m.

The depression which was approaching our extreme W. Coasts yesterday morning has now reached the North Sea off the coasts of Northumberland & Yorkshire, the disturbance having apparently grown much deeper in its journey, as the barometer is now as low as 28·9 ins. at Shields. Steep gradients for WNW. winds prevail over all but the N. & NE. parts of the Kingdom. Fresh to strong W. & WNW. gales set in on our W., S. & SE. coasts during the night, but these have now lulled at the Irish Stations. In Scotland the wind is moderate from the W. Temperature has fallen very generally & is low for the time of year, the present readings ranging from 49° at Nairn & 51° at York to 58° at Scilly. Squally dull weather is prevalent over G. Britain, with rain in several places. The rainfall during the past 24 hrs has been heavy at several of our N. & W. stations.
The sea is very rough in the Channel & rough on our W. coasts, but is at present smooth in the N & NE.
The warning signals hoisted yesterday have been lowered in Ireland this morning

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

24th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	N. to NW. breezes, fresh to moderate; showery to fair	6 SCOTLAND WEST	Same as No. 0 and 1
1 SCOTLAND EAST	..... D° ..... D° ..... D°	7 ENGLAND N.W.	NW. winds and gales, subsequently moderating; squally, some cold showers.
2 ENGLAND N.E.	Wind becoming NW., strong; squally, some showers, cold.	8 ENGLAND S.W.	..... D° ..... D° ..... D° .....
3 ENGLAND EAST	..... D° ..... D° ..... D°	9 IRELAND NORTH	NW. to W. or SW. breezes, moderating; fair on the whole, but not settled.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	..... D° ..... D° ..... D° .....
5 ENGLAND SOUTH	NW. gales and strong breezes; subsequently lulling somewhat; squally, with some showers, then fair but cold	WARNINGS	The S. Cone has been lowered in districts 9 & 10 this morning, but is still up in districts 3, 5, 8 and part of 7

METEOROLOGICAL OBSERVATIONS FOR 23rd AUGUST 1882

STATIONS.	+ YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sun. (0 to 10).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.31	63	NE	4	0	29.52	-.08	64	62	+ 2	SE	2	0	*	72	57	-
Hernösand	29.38	60	Z	0	bc	29.39	-.01	64	60	0	S	4	c	*	73	[illegible]	-
Stockholm ...	29.34	60	SSE	2	c	29.26	-.12	60	59	- 3	NE	2	0	*	72	57	0.67
Wisby	29.33	58	SSE	2	0	29.27	-.09	59	57	- 1	WNW	2	r	*	70	57	0.35
Bodö	29.37	65	ENE	2	c	29.25	-.22	66	61	+ 2	ESE	4	c	2	70	61	-
Christiansund ...	29.22	62	WSW	3	0	29.19	-.05	59	57	- 5	WSW	1	r	1	77	54	0.20
‡Skudesnaes ...	29.30	58	Z	0	0	29.20	-.02	57	55	0	Z	0	0	3	64	57	-
Oxö (Christiansund)	29.31	59	WSW	4	bc	29.23	+.02	58	56	+ 3	NW	1	c	3	64	55	0.08
Skagen (The Skaw)	29.35	57	SW	2	b	29.30	+.04	59	57	+ 1	SW	4	b	2	68	54	-
Fanö ...	29.44	57	W	6	c	29.28	.00	59	55	0	S	6	cp	*	66	57	0.28
Cuxhaven ...	29.56	?	W	6	r	29.50	+.05	57	56	0	SSW	5	r	*	61	52	0.12
‡Sumburgh Head	29.26	55	WNW	4	c	29.13	-.15	54	52	+ 1	SE	1	0	1	56	50	0.12
‡Stornoway ...	29.39	55	WNW	4	c	29.18	-.34	51	50	- 3	NW	4	r	3	56	46	0.12
Wick	29.35	52	NW	1	c	29.12	-.28	54	51	- 2	NW	1	0	2	57	44	0.04
Nairn ...		No Observations taken.				29.16	-.33	49	48	- 6	Z	0	bc	1	58	46	0.02
‡Aberdeen ...	29.41	58	NW	3	0	29.11	-.32	51	50	- 7	N	4	rq	2	64	49	0.19
Leith	29.47	56	SW	3	c	29.09	-.46	52	51	- 5	NNE	4	r	*	64	49	0.02
‡Shields	29.52	57	W	3	0	28.94	+.64	50	50	- 7	NNE	6	r	4	62	49	1.55
Spurn Head	29.60	59	SSW	5	c	28.98	-.63	52	51	- 6	SSW	4	ofp	2	61	51	0.20
York ...	29.60	55	W	1	r	29.00	-.64	51	50	- 7	WSW	2	b	*	65	49	0.25
Loughborough	29.64	54	SW	r	0	29.08	-.67	51	49	- 6	W	7	ogw	*	60	51	0.26
‡Ardrossan	29.46	55	W	2	0	29.15	-.50	53	52	- 2	NW	3	c	2	58	49	0.09
‡Mullaghmore ...	29.41	51	ESE	5	r	29.35	-.44	55	52	0	NW	6	ogq	5	56	50	0.72
Donaghadee ...	29.48	53	S	3	0	29.23	-.52	52	51	- 3	NNW	5	c	3	63	49	0.61
Parsonstown	29.37	57	SSW	1	0	29.44	-.44	51	48	- 3	W	2	c	*	60	47	0.26
Barrow-in-Furness	29.54	54	SSW	4	0	29.01	-.74	51	50	- 5	NNE	5	o	6	59	50	0.53
‡Holyhead ...	29.46	52	SE	3	op	29.25	-.58	54	51	- 1	WNW	8	c	6	59	49	0.59
Liverpool (Bidston)	29.55	52	SE	2	0	29.06	-.67	52	50	- 4	W	7	o	6	59	48	0.23
‡Valencia	29.47	57	WSW	6	pcq	29.63	-.28	52	52	- 5	W	6	cqp	6	62	50	0.71
Roche's Point ...	29.44	57	W	5	bc	29.53	-.44	55	52	0	WNW	5	bc	4	63	50	0.20
Pembroke ...	29.46	60	WSW	5	r	29.40	-.52	54	50	- 2	WNW	7	c	5	62	52	0.49
‡Scilly	29.67	62	WSW	6	0	29.61	-.42	58	55	- 1	WNW	9	c	7	63	56	0.06
Prawle Point ...	29.71	59	SSW	7	r	29.49	-.52	56	55	- 2	W	7	bc	6	62	52	0.11
Hurst Castle	29.72	58	WSW	6	rm	29.40	-.53	56	52	- 1	WNW	9	c	6	65	52	0.13
‡Dover ...	29.76	61	WSW	6	cq	29.29	-.54	59	55	- 1	WSW	7	bcp	6	67	56	0.04
‡London	29.70	60	WSW	4	0	29.27	-.58	56	51	- 2	W	7	oq	*	65	55	0.25
Oxford	29.54	55	SW	5	r	29.23	-.62	54	50	- 3	WSW	7	oq	*	63	53	0.21
Cambridge ...	29.66	54	W	1	r	29.14	-.61	56	52	- 1	SW	4	c	*	63	51	0.38
‡Yarmouth ...	29.68	59	W	4	c	29.12	-.54	57	53	0	WSW	7	c	4	63	53	0.40
The Helder ...	-	-	-	-	-	?29.24	-.28	61	60	+ 2	WSW	5	c	4	63	54	0.59
Cape Gris Nez	29.41	64	WSW	9	0	29.34	-.49	60	55	+ 1	W	9	0	8	64	57	0.08
‡Jersey	29.87	63	SW	4	mow	29.61	-.45	60	54	- 1	W	8	bom	6	65	55	0.13
Brest	29.86	61	WSW	5	r	29.74	-.38	58	54	0	NNW	7	bc	5	63	57	0.08
Lorient	?29.91	63	W	7	m	?29.69	-.40	59	55	- 1	NW	8	c	5	64	57	0.08
‡Rochefort ...	30.02	65	NW	5	c	29.74	-.50	65	64	+ 3	W	7	o	3	72	57	-
Biarritz	30.13	69	WSW	3	bc	29.91	-.32	65	63	- 1	SW	3	o	3	72	59	-
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.39	-.40	60	60	+ 5	WSW	9	r	*	64	?.	0.08
Charleville ...	?29.59	60	W	7	0	?29.56	-.31	58	55	+ 3	W	8	o	*	64	55	0.04
Paris	29.98	66	SW	5	b	29.63	-.38	59	59	0	W	7	o	*	*	*	0.12
Lyons	30.05	66	N	1	b	29.88	-.22	60	54	0	S	1	b	*	70	50	-
Toulon	29.85	73	NW	9	b	29.87	-.04	73	57	+ 8	Z	0	b	5	77	63	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.32	49	WSW	2	0	29.81	+.37	46	45	- 5	W	3	r	*	54	44	0.58

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Skudesnaes	29.28	64	60	WNW	4	c	3
Sumburgh Head	29.29	55	53	WNW	3	o	3
Stornoway	29.47	55	52	W	5	o q	4
Aberdeen	29.45	61	57	NW	4	o	1
Shields	29.59	60	54	WSW	6	o	2
Ardrossan	29.59	57	56	WNW	2	o	2
Mullaghmore	29.64	54	51	SSW	3	o q	3
Holyhead	29.72	55	52	SW	3	o	3

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Valencia	29.58	61	61	WSW	3	o m q	5
Scilly	29.82	61	61	SW	6	f d	5
Dover	29.83	67	56	W	5	bc	3
London ...	29.82	64	54	W	4	o	*
Yarmouth ...	29.73	62	54	WNW	5	bc	3
Jersey	29.99	63	57	WSW	4	c	4
Rochefort ...							
Ben Nevis (4406 ft) 8am on 22nd	25.11	37	37	SE	5	f	Max 40, Min 35, Rain 1.74

The new depression in the W. is apparently advancing very quickly to the E.ward, its centre being now over Ireland. Strong SW.ly winds and rain prevail on our SW. coasts and even over our SE.n districts the sky is assuming a very rainy appearance and the barometer is falling decidedly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

+ The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

THURSDAY 24TH AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)

Fredk Dangerfield Lith & Typ Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on Thursday, 24th AUGUST, 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ = forces above 10; → = forces 8 to 10
→ = forces 5 to 7; → = forces 1 to 4;
⊙ = dead calm.

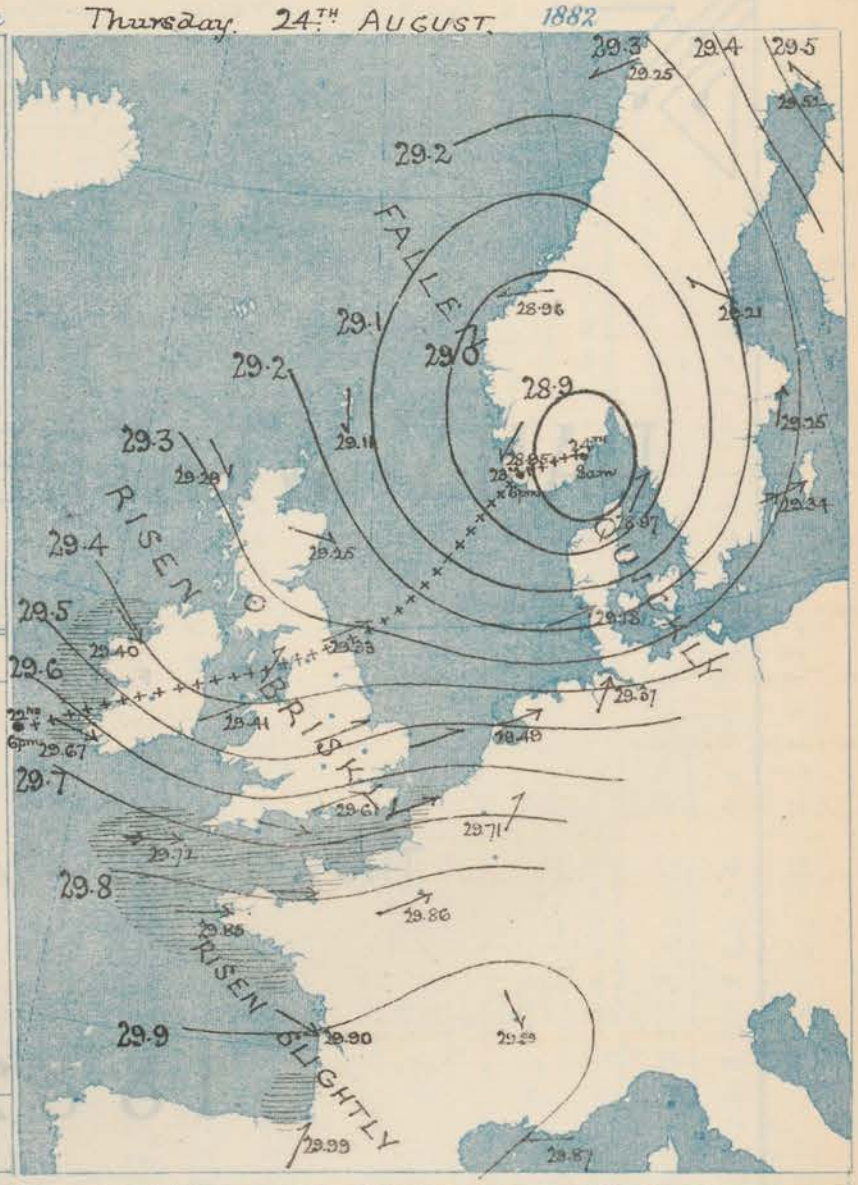
Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

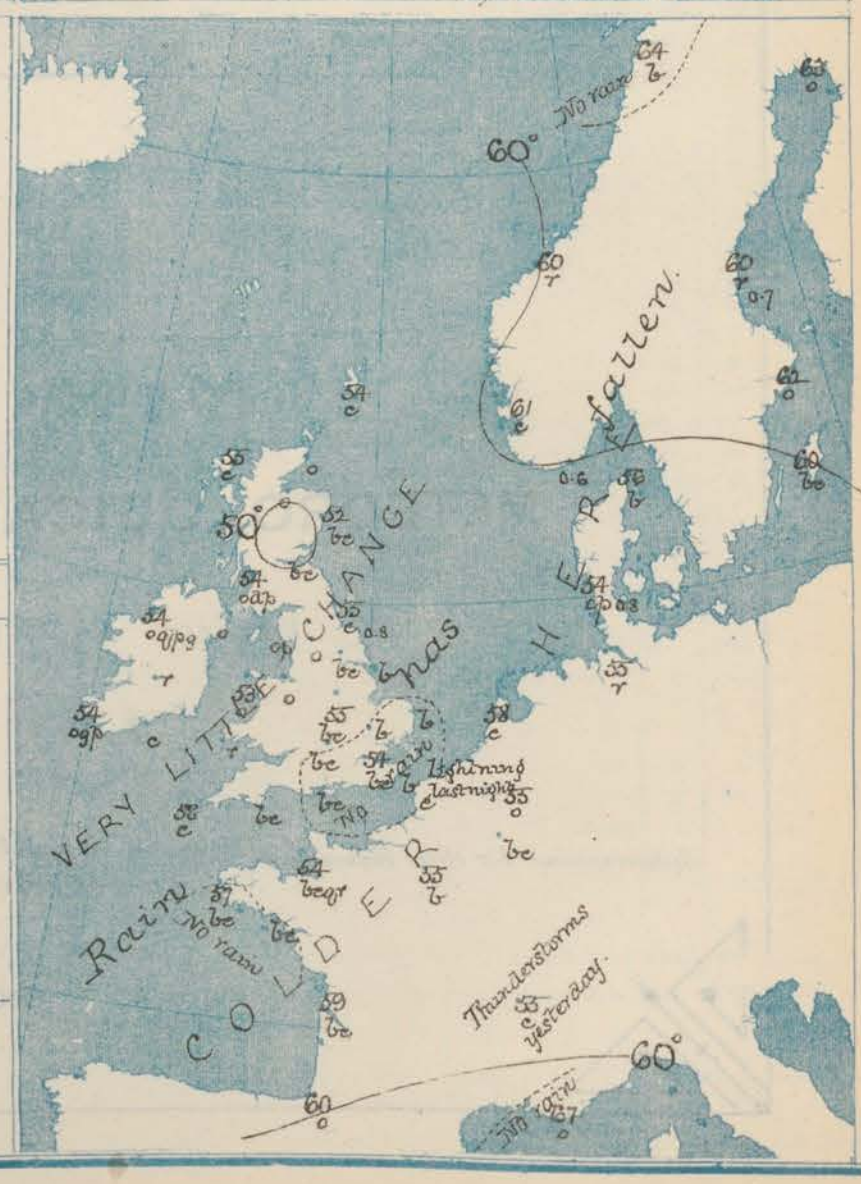
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 24th August 1882 *at* 8 a.m.

The depression noticed off our NE. coasts yesterday now lies over the S. of Norway, and a very brisk rise of the barometer has taken place over Great Britain. Moderately steep gradients for N. winds now prevail over our Islands, and some shallow subsidiary disturbances are advancing over us from the NW. Fresh to strong N., (NW to NW), breezes are blowing over Englands and Irelands, and moderate NW. breezes in Scotlands. Temperature differs very little from that reported yesterday morning, but the past night has been cold (47° to 48°) at our inland stations. The sky is at present moderately clear in the E. and S., but showery looking clouds are beginning to rise in London; on our N. and W. coasts the sky is overcast and the weather showery at several stations. The sea is still rough in the S. and extreme W., moderate in the Irish Channels.

The Warning Signals hoisted on Tuesday were all lowered yesterday.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

25th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NWly and Nly breezes, moderate; some showers with bright intervals; cold.	6 SCOTLAND WEST	Same as No. 0 and 1.
1 SCOTLAND EAST	- - - - D° - - - - D° - - - - D° - - -	7 ENGLAND N.W.	Same as No. 0 and 1.
2 ENGLAND N.E.	SWly to NWly breezes, fresh; some showers with bright intervals; very cold at night.	8 ENGLAND S.W.	Same as No. 5.
3 ENGLAND EAST	- - - - D° - - - - D° - - - - D° - - -	9 IRELAND NORTH	NWly winds, fresh or strong; squally; fair on the whole.
4 MIDLAND COUNTIES	- - - - D° - - - - D° - - - - D° - - -	10 IRELAND SOUTH	- - - - D° - - - - D° - - - - D° - -
5 ENGLAND SOUTH	Wly winds, strong to moderate; perhaps a few showers with bright intervals; night very cold.	WARNINGS	None issued.

Fredk Dangerfield, 22 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 24th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.50	63	E	2	c	29.52	.00	63	?	- 1	SE	4	o	*	72	61	0.32
Hernösand	29.30	61	ENE	2	o	29.21	- .18	60	58	- 4	ESE	4	r	*	70	57	0.55
Stockholm ...	29.28	60	S	2	b	29.25	- .01	62	56	+ 2	SSW	6	o	*	66	55	0.55
Wisby	29.34	59	SSE	4	o	29.34	+ .07	60	56	+ 1	WSW	8	bc	*	68	57	0.16
Bodö	29.36	64	E	2	b	29.25	.00	64	59	- 2	ENE	2	b	1	72	59	-
Christiansund ...	29.08	64	E	1	b	28.96	- .23	60	55	+ 1	E	3	r	2	66	57	-
‡Skudesnaes ...	28.91	57	E	4	c	28.95	- .25	61	54	+ 4	NE	2	c	3	63	57	-
Christiansund ...	28.93	59	SE	6	o	28.89	- .34	55	53	- 3	N	2	o	4	61	55	0.59
Skagen (The Skaw)	29.04	59	SSW	5	r	28.97	- .33	56	54	- 3	SW	4	b	3	66	54	-
Fanö ...	29.01	58	WSW	8	c	29.18	- .10	54	53	- 5	WSW	8	cp	*	64	54	0.83
Cuxhaven ...	29.29	?	SW	7	r	29.37	- .13	55	54	- 2	SW	7	r	*	61	52	0.24
‡Sumburgh Head	29.09	56	NE	1	c	29.11	- .02	54	52	0	N	4	c	4	59	50	0.02
‡Stornoway	29.20	54	WSW	3	c	29.29	+ .11	55	54	+ 4	NNW	3	c	2	56	44	0.01
Wick	29.13	53	NNW	5	o	29.25	+ .13	54	52	0	NW	4	o	3	64	47	-
Nairn ...	29.18	53	WNW	2	o	29.27	+ .11	50	48	+ 1	WNW	3	o	2	59	45	0.24
‡Aberdeen ...	29.13	58	NNW	5	bc	29.25	+ .14	52	48	+ 1	WNW	3	bc	1	61	48	-
Leith	29.19	58	WNW	3	bc	29.29	+ .20	50	49	- 2	W	1	bc	*	66	48	0.04
‡Shields	29.17	55	NNW	4	r	29.33	+ .39	55	53	+ 5	WSW	3	c	3	60	47	0.78
Spurn Head	29.23	57	WNW	7	c	29.42	+ .44	52	50	0	SW	6	b	3	59	50	0.06
York	29.25	58	W	4	c	29.39	+ .39	53	50	+ 2	SW	3	bc	*	60	47	0.05
Loughborough	29.37	56	W	3	c	29.48	+ .40	55	51	+ 4	WSW	4	bc	*	59	48	0.04
‡Ardrossan ...	29.27	56	WNW	4	bc	29.30	+ .15	54	54	+ 1	Zo	0	dp	o	61	51	0.03
‡Mullaghmore ...	29.44	53	WNW	7	r	29.40	+ .05	54	52	- 1	NW	7	cpqq	6	57	51	0.34
Donaghadee ...	29.37	54	NW	4	o	29.33	+ .10	55	54	+ 3	WNW	4	o	2	59	47	0.14
Parsonstown ...	29.53	55	W	2	o	29.51	+ .07	52	51	+ 1	WNW	2	r	*	59	48	0.12
Barrow-in-Furness	29.31	56	NW	6	c	29.35	+ .34	53	51	+ 2	SW	4	p	4	59	50	0.11
‡Holyhead ...	29.41	55	WNW	6	cp	29.41	+ .16	53	52	- 1	WSW	4	r	3	59	51	0.24
Liverpool (Bidston)	29.55	56	W	6	c	29.41	+ .35	53	49	+ 1	SW	2	o	3	58	50	0.28
‡Valencia	29.70	55	WNW	5	bcpp	29.67	+ .04	54	52	+ 2	WNW	5	ogp	5	60	50	0.30
Roche's Point ...	29.64	56	NNW	5	c	29.61	+ .08	55	53	0	WNW	5	c	4	59	50	0.05
Pembroke ...	29.53	56	W	6	c	29.54	+ .14	54	52	0	W	6	r	5	58	51	0.03
‡Scilly	29.69	58	WNW	9	c	? 29.72	+ .11	58	52	0	W	8	c	6	59	52	0.03
Prawle Point ...	29.63	56	WSW	6	r	29.69	+ .20	56	55	0	WSW	6	bc	5	62	49	0.18
Hurst Castle ...	29.55	60	WNW	6	b	29.66	+ .26	58	53	+ 2	WNW	6	bc	6	64	53	0.03
‡Dover	29.47	60	W	6	b	29.64	+ .35	57	53	- 2	WSW	5	b	4	65	51	-
‡London	29.47	58	WNW	5	bc	29.61	+ .34	54	51	- 2	WSW	3	bc	*	65	48	-
Oxford	29.49	52	SW	5	bc	29.58	+ .35	57	53	+ 3	SW	4	bc	*	62	49	-
Cambridge ...	29.39	58	W	7	bc	29.54	+ .40	52	51	- 4	SW	1	b	*	62	46	-
‡Yarmouth ...	29.35	57	W	6	bqy	29.54	+ .42	56	51	- 1	WSW	4	b	3	63	49	-
The Helder ...	29.31	58	SW	7	c	29.49	+ .25	58	53	- 3	WSW	5	c	4	61	55	0.04
Cape Gris Nez	29.60	65	WNW	9	bc	29.61	+ .27	64	58	+ 4	WNW	7	c	5	70	57	-
‡Jersey	29.72	58	W	8	bqr	29.79	+ .18	54	52	- 6	W	6	bqr	6	62	52	0.06
Brest	29.84	59	NW	5	b	29.85	+ .11	57	53	- 1	W	5	bc	5	61	52	-
Lorient	?29.79	60	NW	8	b	? 29.82	+ .13	57	52	- 2	NW	7	bc	4	63	54	-
‡Rochefort ...	29.81	64	NW	7	bc	29.90	+ .13	59	55	- 6	WNW	5	bc	2	68	54	0.08
Biarritz	29.99	64	N	5	o	29.99	+ .08	60	57	- 5	SW	3	o	5	70	54	0.08
Corunna	*	*	*	*	*				*						*	*	*
Brussels ...	*	*	*	*	*	29.71	+ .32	55	51	+ 5	SW	4	o	*	64	50	0.04
Charleville ...	?29.64	55	SW	7	o	29.78	+ .22	52	48	- 6	W	8	bc	*	63	41	0.39
Paris	29.71	64	WSW	7	bc	29.86	+ .23	55	50	- 4	WSW	5	b	*	*	*	-
Lyons	?	64	?	4	o	29.99	+ .11	55	52	- 5	NNW	1	c	*	84	53	0.04
Toulon	29.87	?	SW	2	bc	29.87	.00	67	66	- 6	E	4	o	2	79	64	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.06	50	W	4	r	28.15	+ .34	47	47	+ 1	WSW	3	o	*	53	45	0.33

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.06	63	57	E	4	o	4
Sumburgh Head							
Stornoway ...	29.20	55	51	WNW	4	c	3
Aberdeen ...	29.10	60	55	NNW	4	c	2
Shields	29.12	51	51	NNW	6	o	4
Ardrossan ...	29.22	58	57	WNW	4	bc	3
Mullaghmore ...	29.44	55	52	WNW	7	oqqp	6
Holyhead	29.37	59	55	WNW	6	c	5

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.70	59	57	WNW	6	bcqp	6
Scilly	29.67	59	53	WNW	9	c	7
Dover	29.43	64	56	W	7	b	5
London ...	29.42	63	53	W	6	cq	*
Yarmouth ...	29.24	57	52	W	7	cq	4
Jersey	29.70	61	56	W	8	bc	7
Rochefort ...	29.85	64	59	NW	7	o	4
Ben Nevis (4406 ft) 9 a.m. on 23rd	24.75	34	34	ESE	2	f	Max 37, Min 32, Rain 0.27

The depression which passed over our Islands last night appears to be now moving in a NE by direction, so that the barometer is rising briskly over the whole of England. There are, however, some indications of a new fall at Valencia, where the wind has backed to WSW.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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DAILY WEATHER REPORT

FOR

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ROBERT H. SCOTT

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Fredk Dangerfield Lith 22 Bedford St Covent Garden

WEATHER CHARTS

for 8 a.m. on FRIDAY. 25TH AUGUST. 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus.—
→ - forces above 10; → - forces 8 to 10
→ - forces 5 to 7; → - forces 1 to 4;
⊙ - dead calm.

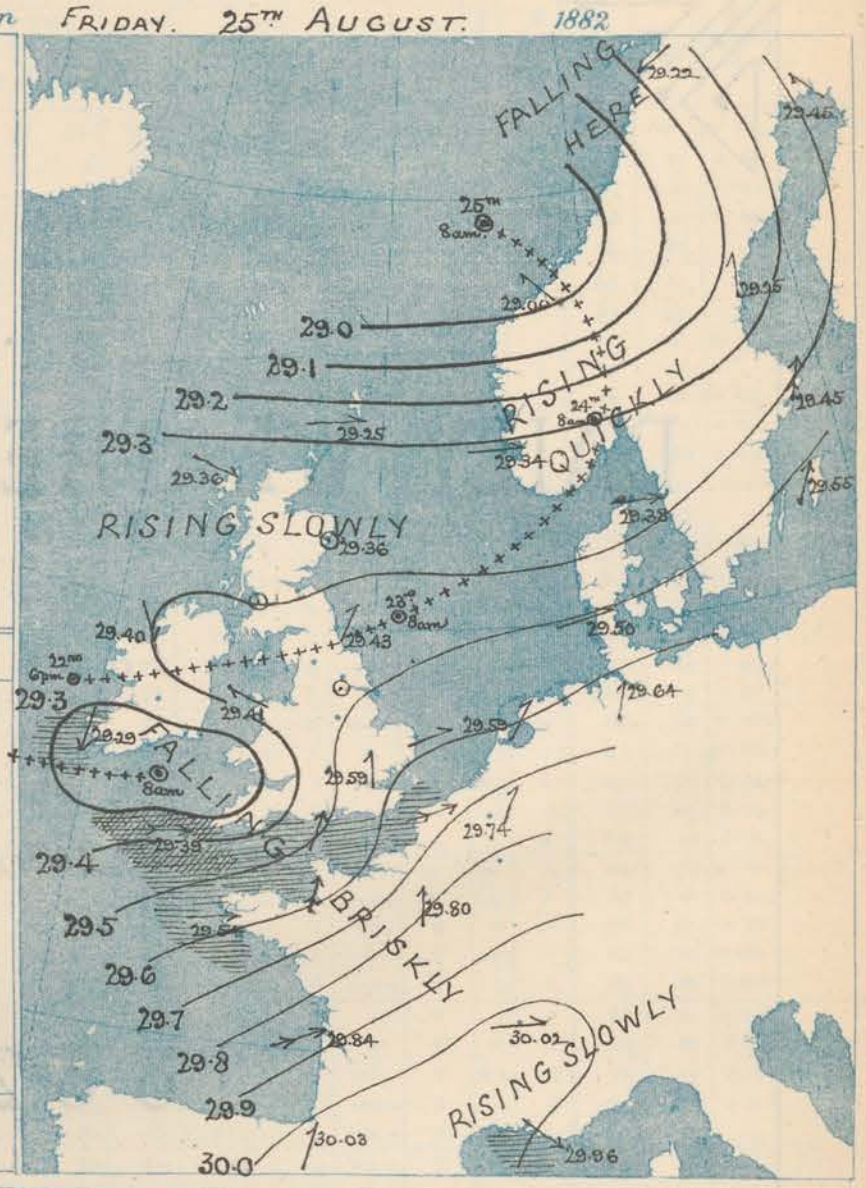
Sea Disturbance, where considerable, is shown by shading round the coast; thus. - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

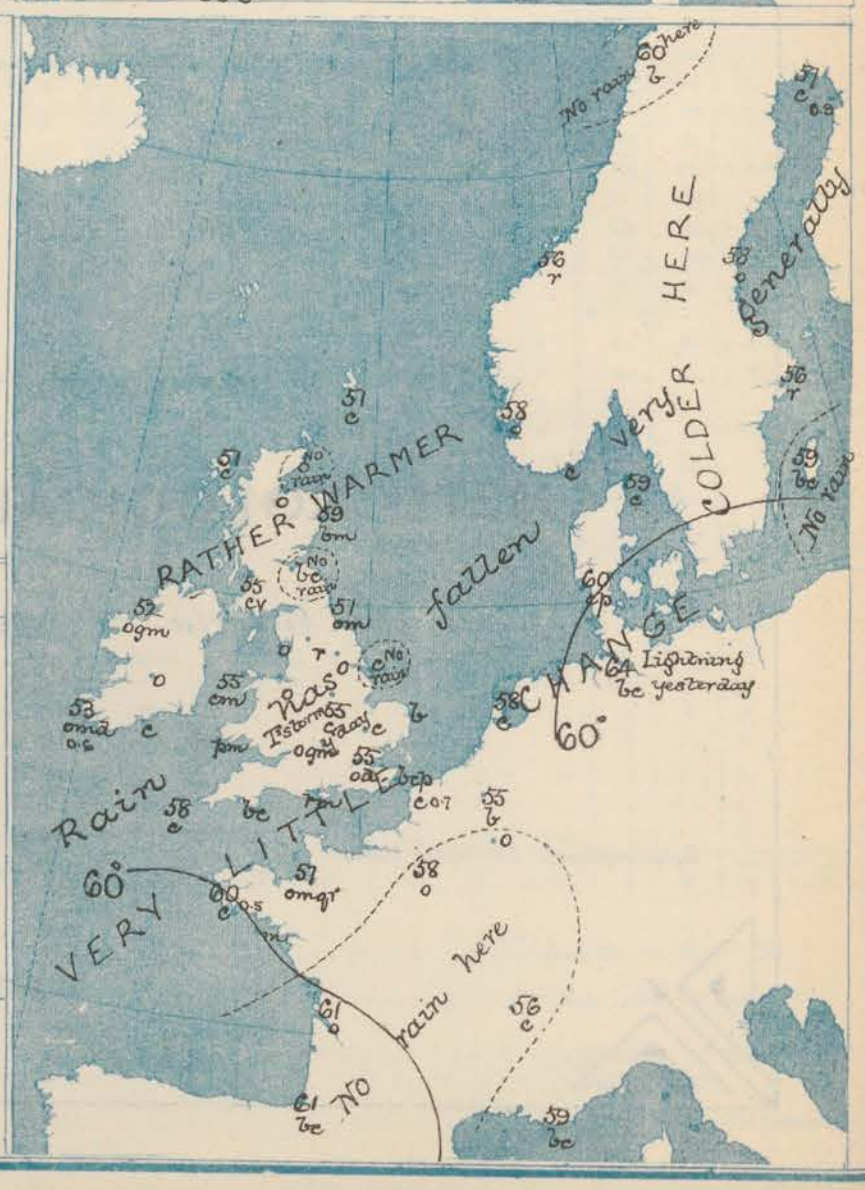
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·6	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Friday 25th August 1882 at 8 a.m.

The depression which lay over the S. of Norway yesterday has now travelled completely away to the N.W., but in the course of the night a new elongated disturbance has arrived over our S.W. districts from the Atlantic. Thus, while W. breezes still prevail at the Scotch stations, the wind has shifted to S.E. and E. over our N.W. districts, but is S. and W. in the Channel, and is increasing in force. Temperature continues very low except in Scotland, and the weather is dull and rainy over England and Ireland, fair in Scotland. The sea is rough in the S. and S.W. smooth in the N. and N.E.

Our S.E. coasts have been warned this morning.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

26th August

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	W. winds, moderate or light; fair generally.	6 SCOTLAND WEST	Varying winds; fair on the whole.
1 SCOTLAND EAST	- - - - D° - - - - D° - - - D° - -	7 ENGLAND N.W.	Same as N° 4.
2 ENGLAND N.E.	Varying winds; unsettled weather; rainy.	8 ENGLAND S.W.	W. to N.W. gales and strong winds; squally, showery.
3 ENGLAND EAST	Same as N° 2.	9 IRELAND NORTH	N. and N.W. winds; squally, showery.
4 MIDLAND COUNTIES	S.E. and E. winds, with rainy weather.	10 IRELAND SOUTH	- - - - D° - - - - D° - - - D° - -
5 ENGLAND SOUTH	W. winds, becoming strong and squally; showery.	WARNINGS	The S. cone has been hoisted in district N° 5 this morning.

Fredk Dangerfield, 32 Bedford St Covent Garden London

METEOROLOGICAL OBSERVATIONS FOR 25th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.38	57	SE	2	r	29.45	− .07	57	54	− 6	SE	2	c	*	68	55	0.87
Hernösand	29.25	59	S	6	o	29.25	+ .04	58	55	− 2	S	4	o	*	66	57	0.12
Stockholm ..	29.34	58	SW	9	o	29.45	+ .20	56	53	− 6	SSW	8	r	*	64	55	0.04
Wisby ...	29.48	58	SW	8	bc	29.55	+ .21	59	54	− 1	SW	6	bc	*	64	57	–
Bodö ...	29.25	61	E	2	c	29.22	− .03	60	55	− 4	ENE	2	b	1	68	55	–
Christiansund...	28.94	60	WSW	4	r	29.00	+ .04	56	54	− 4	SE	1	r	1	70	52	0.32
‡Skudesnaes ...	29.14	57	W	2	o	29.34	+ .39	58	55	− 3	W	2	o	3	61	57	–
Oxö (Xtiansund) ..	29.13	59	WSW	4	c	29.32	+ .43	59	56	+ 4	WSW	6	c	4	63	55	?
Skagen (The Skaw)	29.28	55	SW	7	o	29.38	+ .41	59	57	+ 3	WSW	5	c	4	63	52	0.16
Fanö ...	29.49	58	WSW	6	c	29.50	+ .32	60	57	+ 6	WSW	4	cp	*	61	54	0.04
Cuxhaven .	29.69	63	W	5	bc	29.64	+ .27	54	54	− 1	SSW	5	bc	*	61	50	0.03
‡Sumburgh Head	29.21	53	NNW	5	o	29.25	+ .14	51	50	− 3	WNW	2	c	2	57	49	0.03
‡Stornoway .	29.35	57	WNW	4	c	29.36	+ .07	51	49	− 4	WNW	4	c	3	60	48	0.01
Wick ...	29.32	57	NW	2	c	29.34	+ .09	55	53	+ 1	NW	1	o	2	60	48	–
Nairn ...	29.34	56	WNW	2	c	29.37	+ .10	55	52	+ 5	Z	0	o	o	62	49	0.02
‡Aberdeen ..	29.34	62	NNW	1	c	29.36	+ .11	59	56	+ 7	SE	1	b	1	65	50	0.02
Leith ...	29.37	63	W	1	bc	29.40	+ .11	54	52	+ 4	WSW	1	bc	*	70	49	–
‡Shields ...	29.37	60	SW	1	om	29.43	+ .10	51	49	− 4	SW	1	om	2	60	47	0.03
Spurn Head .	29.43	56	SW	4	b	29.48	+ .06	56	54	+ 4	SW	4	c	3	61	?48	–
York ...	29.41	59	WSW	2	b	29.47	+ .08	52	51	− 1	SSE	1	o	*	61	46	0.01
Loughborough	29.49	56	W	3	c	29.51	+ .03	55	52	0	SSW	1	c	*	62	52	0.34
‡Ardrossan ..	29.44	59	WNW	3	b	29.39	+ .09	55	55	+ 1	SW	1	o	3	62	53	0.01
‡Mullaghmore ..	29.50	55	WNW	6	o	29.40	.00	52	50	− 2	NNW	1	ogm	2	60	50	0.05
Donaghadee ...	29.47	58	NNW	4	c	29.42	+ .09	54	53	− 1	Z	0	o	o	61	46	0.05
Parsonstown ...	29.58	56	SW	1	o	29.37	− .14	53	50	+ 1	E	1	o	*	61	49	0.14
Barrow-in-Furness	29.43	60	WNW	4	bc	29.41	+ .06	55	54	+ 2	NE	2	o	2	62	52	0.18
‡Holyhead ...	29.51	58	W	4	bc	29.41	.00	55	53	+ 2	ESE	2	o	2	60	52	0.03
Liverpool (Bidston)	29.47	57	W	4	bc	29.44	+ .03	53	52	0	SSE	1	o	3	59	52	0.16
‡Valencia ...	29.65	55	W	4	o	29.29	+ .38	53	52	− 1	NNE	5	odm	5	60	52	0.56
Roche's Point...	29.66	55	WNW	3	c	29.24	− .37	58	51	+ 3	SSW	3	c	4	59	52	0.35
Pembroke ...	29.58	57	W	5	c	29.26	− .28	53	53	− 1	ESE	6	pm	3	59	51	0.16
‡Scilly ...	29.75	58	W	8	cq	29.39	− .23	58	56	0	W	8	c	6	60	54	0.44
Prawle Point ...	29.72	57	SW	6	bc	29.42	− .27	58	58	+ 2	WSW	6	bc	5	60	52	0.21
Hurst Castle ...	29.68	58	W	7	c	29.51	− .15	56	54	− 2	SW	6	rm	5	63	54	0.14
‡Dover ...	29.65	60	WSW	6	b	29.62	− .02	59	56	+ 2	WSW	5	bcp	4	63	55	0.10
‡London ...	29.60	56	W	5	opq	29.59	− .02	55	53	+ 1	S	2	od	*	64	52	0.03
Oxford ...	29.61	55	SW	3	b	29.52	− .06	54	52	− 3	SSE	2	agm	*	60	50	–
Cambridge ..	29.54	55	SW	3	c	29.54	.00	56	54	+ 4	SW	1	c	*	64	50	0.12
‡Yarmouth ...	29.54	59	WSW	5	bc	29.57	+ .03	58	55	+ 2	WSW	3	b	2	63	50	–
The Helder ...	29.58	58	SW	5	bc	29.59	+ .10	58	55	0	SW	3	c	3	61	55	0.24
Cape Gris Nez	29.82	59	W	9	bc	29.64	+ .03	58	56	− 6	WSW	8	c	6	64	54	0.67
‡Jersey ...	29.82	58	W	6	bc	29.54	− .25	57	57	+ 3	SSW	8	omq	6	64	53	0.23
Brest ...	29.84	59	WNW	5	o	29.54	− .31	60	59	+ 3	W	7	c	5	61	52	0.47
Lorient ...	?29.86	59	NW	7	r	?29.63	− .19	59	56	+ 2	WSW	6	m	5	61	54	0.08
‡Rochefort ...	29.91	64	NW	7	bc	29.84	− .06	61	59	+ 2	WSW	8	o	3	70	54	–
Biarritz ...	30.07	65	WNW	5	c	30.03	+ .04	61	55	+ 1	SSW	3	bc	4	70	55	–
‡Corunna ...	*	*	*	*	*	29.97	− .04	65*	62	+ 2	S	5	c	5	70	57	–
Brussels ...	*	*	*	*	*	29.74	+ .03	55	52	0	SSW	4	c	*	62	51	0.08
Charleville ...	?29.79	61	W	7	b	?29.83	+ .05	52	48	0	W	7	o	*	67	48	–
Paris ...	29.84	62	SW	4	bc	29.80	− .06	58	54	+ 3	S	3	o	*	*	*	–
Lyons ...	29.95	64	E	1	b	30.02	+ .03	56	51	+ 1	W	1	c	*	70	49	–
Toulon ...	29.89	67	NW	3	o	29.96	+ .09	59	53	+ 8	NW	5	bo	5	70	57	0.20
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.21	53	SSW	2	c	28.23	+ .08	50	50	+ 3	SSW	2	r	*	56	44	0.12

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ..	29.07	60	56	W	2	r	3
Sumburgh Head	29.17	55	53	NNW	5	o	4
Stornoway ...	29.35	60	55	WNW	4	c	3
Aberdeen ...	29.32	63	56	NNW	3	c	1
Shields ...	29.36	58	55	Z	0	o	3
Ardrossan ...	29.37	61	59	WNW	3	b	2
Mullaghmore ..	29.51	57	55	WNW	5	agm	5
Holyhead ..	29.46	60	57	W	5	cp	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.72	59	56	WNW	4	c	4
Scilly ...	29.76	60	55	W	8	c	6
Dover	29.64	62	56	WSW	6	bq	5
London ...	29.60	60	55	W	4	cpq	*
Yarmouth ...	29.55	62	55	WSW	5	bcq	3
Jersey	29.82	60	55	W	7	c	6
Rochefort ...							
Ben Nevis (4406 ft) 9 am o. 24th	24.89	35	35	NNE	1	bc	Max 37, Min 32, Rain 0.41

Very little change has occurred since the morning excepting that the showery weather has spread to our SE. stations. The sea continues rough in the S. and extreme W.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

⊥ Received too late for insertion in Charts.

DAILY WEATHER REPORT

FOR

SATURDAY 26TH AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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WEATHER CHARTS

for 8 a.m. on SATURDAY. 26TH AUGUST. *1882*

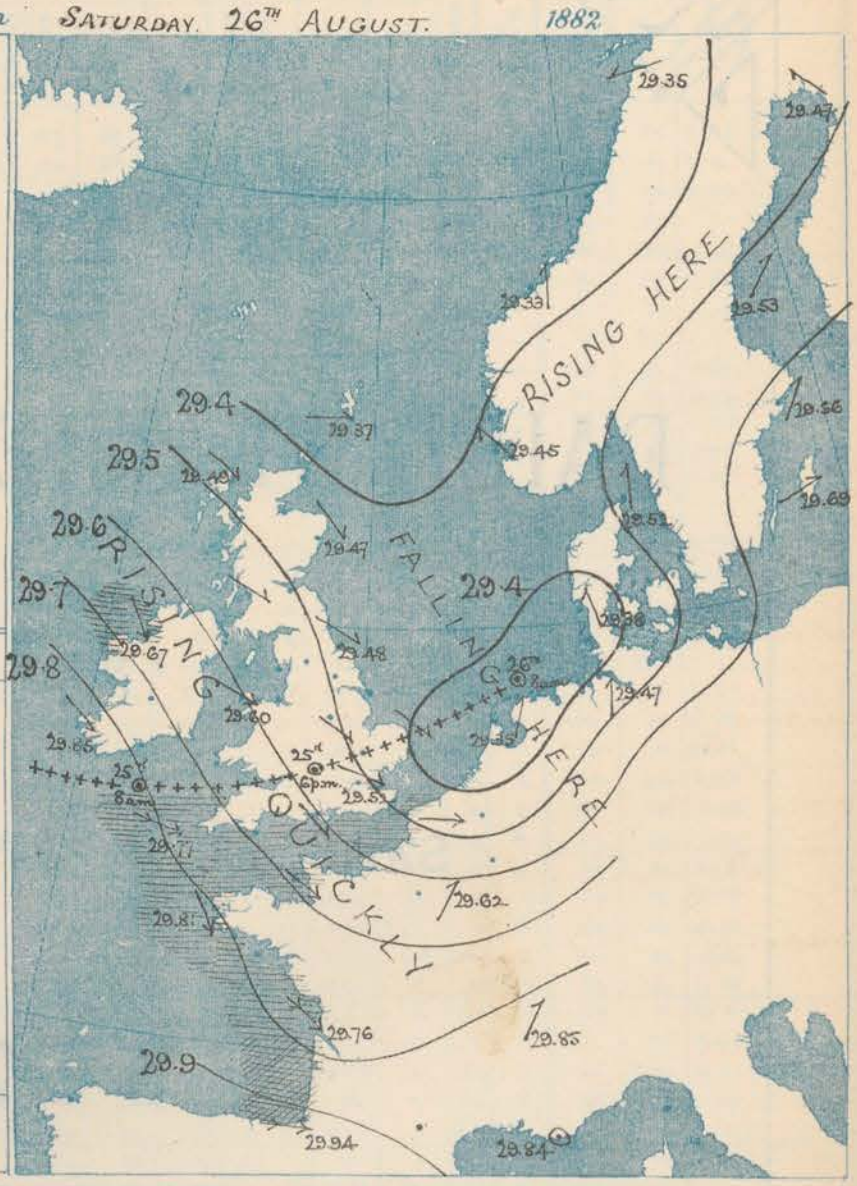
BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus.—
⟶ - forces above 10; ⟶ - forces 8 to 10
⟶ - forces 5 to 7; ⟶ - forces 1 to 4;
⊙ - dead calm.

Sea Disturbance; where considerable, is shown by shading round the coast; thus - Rough; - High.



MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valencia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* *These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.*

TEMPERATURE AND WEATHER

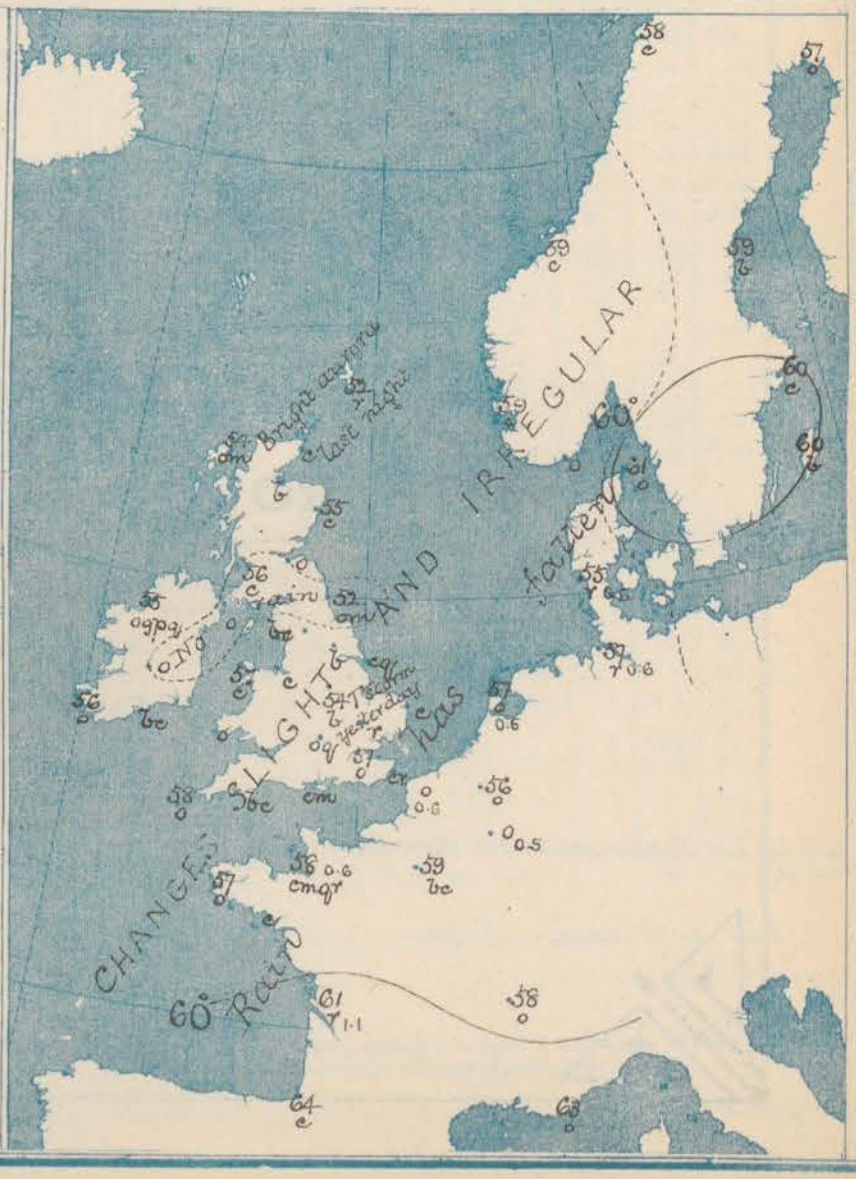
with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.



MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

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	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* *The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.*

REMARKS

for ..... SATURDAY .. 26th AUGUST .. 1882 ... at .. 8 .. a.m.

The depression which arrived over our SWn districts yesterday has travelled in an Eg and NEg direction, and now lies over the Sn part of the North Sea. The barometer has risen quickly over our Islands as the disturbance has passed off, and moderate gradients for NWg winds have spread all over the country. Moderate to fresh NWg winds have become general on our coasts, accompanied by a considerable amount of clouds at the Irish and English stations, and some showers locally, but in Scotland the weather is fine. Temperature is still very low for the season, the present readings ranging from 52° at Sumburgh Head and Shields to 58° at Scilly. The sea has gone down in the W, but is still rough in the South.

The Signals hoisted on our SE coasts yesterday, have been lowered this morning.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon

on the

27th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NWly breezes, light; fine; cold at night.	6 SCOTLAND WEST	NWly breezes, fresh to moderate; some cold showers with bright intervals.
1 SCOTLAND EAST	- - - - D° - - - - D° - - - D° - - -	7 ENGLAND N.W.	- - - - D° - - - - D° - - - D° - -
2 ENGLAND N.E.	NWly breezes, fresh to light; some local showers & heavy clouds, then bright & cold.	8 ENGLAND S.W.	Same as Nos 2 to 4.
3 ENGLAND EAST	- - - - D° - - - - D° - - - D° - - -	9 IRELAND NORTH	NWly winds, fresh to moderate; some showers but improving weather.
4 MIDLAND COUNTIES	- - - - D° - - - - D° - - - D° - -	10 IRELAND SOUTH	- - - - D° - - - - D° - - - D° - -
5 ENGLAND SOUTH	NWly breezes, moderate; cloudy at times, then clearing and becoming very cold at night	WARNINGS	The Signals, hoisted in District No 5 yesterday, have been lowered this morning.

Heath Thingerfield, 12 Holborn, Lincoln's Inn Fields London

METEOROLOGICAL OBSERVATIONS FOR 26th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.47	57	SE	2	0	29.47	+.02	57	57	0	SE	4	0	*	63	55	-
Hernösand	29.34	56	S	2	bc	29.53	+.28	59	54	+ 1	SW	2	b	*	63	55	-
Stockholm ...	29.55	59	SW	6	b	29.66	+.21	60	56	+ 4	SW	4	c	*	63	55	-
Wisby	29.63	58	WSW	6	bc	29.69	+.14	60	55	+ 1	WSW	4	b	*	64	55	-
Bodö	29.26	59	ENE	2	b	29.35	+.13	58	54	− 2	ENE	2	c	1	66	54	-
Christiansund ...	29.26	57	WSW	3	0	29.33	+.33	59	55	+ 3	S	1	c	1	59	52	0.08
‡Skudesnaes ...	29.46	59	WSW	2	0	29.45	+.11	59	54	+ 1	SE	4	c	3	63	?	-
Oxö (Xtiansund) ...	29.47	59	WSW	4	c	29.47	+.15	55	53	− 4	ENE	4	0	3	61	54	0.24
Skagen (The Skaw)	29.52	59	SW	3	c	29.52	+.14	61	57	+ 2	S	3	0	2	64	54	-
Fanö ...	29.57	57	S	3	c	29.38	−.12	55	55	− 5	SSE	4	r	*	64	54	0.55
Cuxhaven ...	29.68	?	SW	2	r	29.47	−.17	57	57	+ 3	S	4	r	*	61	52	0.58
‡Sumburgh Head	29.34	53	WNW	2	0	29.37	+.12	52	51	+ 1	W	3	r	2	57	50	0.06
‡Stornoway ...	29.39	53	WNW	3	r	29.49	+.13	54	53	+ 3	NW	4	0	3	57	49	0.03
Wick ...	29.40	55	NW	1	0	29.45	+.11	54	52	− 1	NW	3	c	2	64	45	-
Nairn ...	29.40	57	WSW	1	0	29.43	+.06	53	51	− 2	Z	0	b	0	63	51	0.02
‡Aberdeen ...	29.40	58	SSE	1	om	29.47	+.11	55	53	− 4	NNW	2	c	1	65	51	0.01
Leith	29.40	59	W	1	bc	29.49	+.09	53	52	− 1	W	1	0	*	62	47	0.16
‡Shields	29.38	57	Z	0	c	29.48	+.05	52	51	+ 1	WNW	2	om	2	60	47	-
Spurn Head	29.33	54	ENE	4	r	29.43	−.05	55	54	− 1	NNW	5	qc	4	62	54	0.38
York	29.37	56	ESE	1	r	29.47	.00	53	52	+ 1	NNW	1	b	*	63	48	0.02
Loughborough ...	29.32	56	NE	3	0	29.51	.00	54	51	− 1	NW	3	b	*	59	51	0.12
‡Ardrossan ...	29.39	60	NW	2	bc	29.52	+.13	56	56	+ 1	WNW	3	c	2	63	51	-
‡Mullaghmore ...	29.50	57	N	5	o	29.67	+.27	55	53	+ 3	NNW	6	opqy	5	58	52	0.10
Donaghadee ...	29.44	57	N	6	b	29.57	+.15	54	53	0	NW	5	0	3	63	51	-
Parsonstown ...	29.47	58	NW	1	c	29.72	+.35	54	52	+ 1	WNW	1	0	*	59	50	-
Barrow-in-Furness	29.36	58	NNW	3	0	29.51	+.10	55	50	0	N	3	bc	2	60	52	0.08
‡Holyhead ...	29.38	57	NE	3	c	29.60	+.19	57	54	+ 2	WNW	5	c	4	60	54	-
Liverpool (Bidston)	29.36	55	NE	1	r	29.55	+.11	55	53	+ 2	WNW	5	c	3	58	53	0.10
‡Valencia ...	29.60	56	NW	5	bcq	29.85	+.56	56	54	+ 3	NW	4	0	4	61	52	0.16
Roche's Point ...	29.46	57	NNW	4	c	29.76	+.52	57	54	− 1	NW	4	bc	4	58	51	0.15
Pembroke ...	29.30	56	N	5	0	29.67	+.41	55	52	+ 2	WNW	3	0	3	59	53	0.09
‡Scilly	29.36	57	NNW	9	cq	29.77	+.38	58	55	0	WNW	6	0	5	62	55	0.14
Prawle Point ...	29.31	56	WSW	6	r	29.63	+.21	57	55	− 1	NW	4	bc	3	62	52	0.03
Hurst Castle ...	29.37	59	W	6	c	29.60	+.09	56	54	0	NW	3	cm	4	64	51	0.13
‡Dover	29.39	60	SW	5	b	29.45	−.17	55	53	− 4	WNW	4	cr	3	61	54	0.08
‡London	29.35	61	SW	4	bc	29.32	−.07	57	53	+ 2	WNW	2	0	*	67	52	0.10
Oxford	29.36	55	Z	0	0	29.56	+.04	56	53	+ 2	NW	5	0q	*	66	52	0.11
Cambridge ...	29.31	58	SW	1	c	29.49	−.05	54	53	− 2	NW	1	r	*	63	51	0.27
‡Yarmouth ...	29.35	60	SSW	4	bc	29.36	−.21	59	57	+ 1	NW	3	c	3	63	52	0.22
The Helder ...	29.56	57	SE	1	r	29.35	−.24	57	55	− 1	SSW	4	0	3	63	55	0.51
Cape Gris Nez	29.41	60	WSW	5	bc	29.46	−.18	57	54	− 1	W	7	0	5	63	54	0.63
‡Jersey	29.44	57	WSW	5	cqrh	29.69	+.15	58	56	+ 1	NW	6	cqrm	6	65	54	0.61
Brest	29.50	58	W	8	0	29.81	+.27	57	55	− 3	NNW	7	0	5	61	55	-
Lorient	?29.52	59	WNW	8	0	?29.74	+.11	55	54	− 4	NW	5	c	4	63	54	0.43
‡Rochefort ...	29.66	61	WSW	8	r	29.76	−.08	61	58	0	NW	8	r	7	68	55	1.06
Biarritz	29.87	68	SW	4	c	29.94	−.09	64	59	+ 3	W	8	c	5	70	54	0.08
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.44	−.30	56	55	+ 1	SSW	1	0	*	63	53	0.67
Charleville ...	?29.53	57	W	8	0	?29.48	−.35	55	51	+ 3	W	8	0	*	66	48	0.47
Paris	29.58	59	S	5	0	29.62	−.18	59	55	+ 1	SW	5	bc	*	*	*	0.32
Lyons	29.81	67	S	5	b	29.85	−.17	58	53	+ 2	SW	1	0	*	73	?	0.04
Toulon	29.95	61	W	5	b	29.84	−.12	63	60	+ 4	Z	0	0	2	70	59	0.28
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.18	54	Z	0	om	28.31	+.08	50	48	0	WNW	2	0	*	56	45	0.02

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.43	62	57	W	2	c	3
Sumburgh Head	29.32	55	52	WNW	3	c	2
Stornoway ...	29.39	55	51	WNW	4	o	3
Aberdeen ...	29.39	60	55	S	2	c	1
Shields	29.40	59	57	SE	2	c	2
Ardrossan ...	29.40	62	61	W	1	b	1
Mullaghmore ...	29.44	56	54	WNW	2	o m p	2
Holyhead	29.35	59	55	ENE	4	o	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.52	59	55	NNW	4	o q p	5
Scilly	29.30	56	55	WSW	9	o q	7
Dover	29.44	58	57	SSW	7	o m r	6
London ...	29.34	63	60	SSW	6	o r	*
Yarmouth ...	29.48	59	56	S	5	p q	4
Jersey	29.50	59	57	WSW	6	o	5
Rochefort ...	29.73	64	63	WSW	9	r	8
Ben Nevis (4406 ft.) 9 a.m. on 25th.	24.96	39	39	SW	1	f	Max 40, Min 34, Rain 0.23

The depression in the W. is advancing eastwards over England and the wind is increasing in force on our SE. coasts. In Ireland, however, the barometer is rising rapidly and the wind has veered to the N.wd. The sea is very rough in the Channel.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY 27TH AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End* 10s/ *per quarter*
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ROBERT H. SCOTT
(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on SUNDAY 27TH *August* 1882

BAROMETER, WIND & SEA.

Explanation of Map.

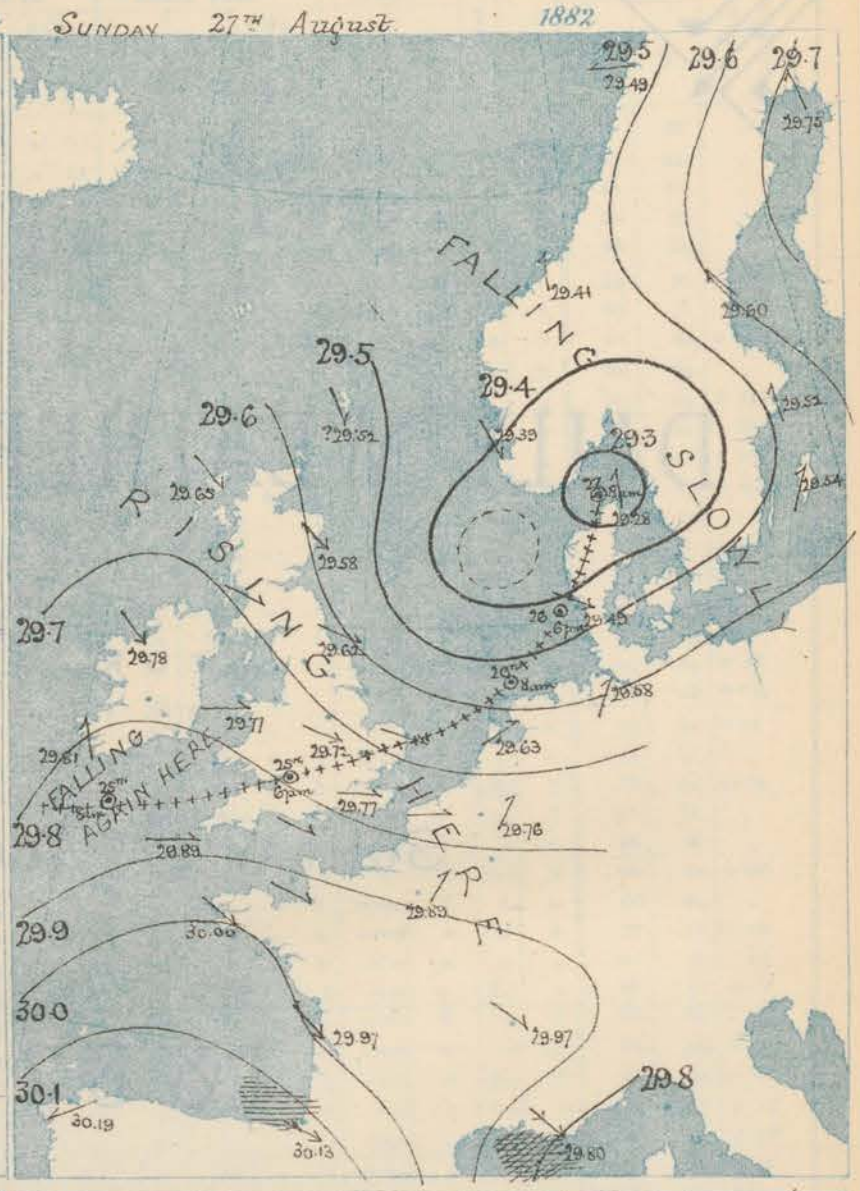
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ forces above 10; → forces 8 to 10
→ forces 5 to 7. → forces 1 to 4;
⊙ dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings. Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valenia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

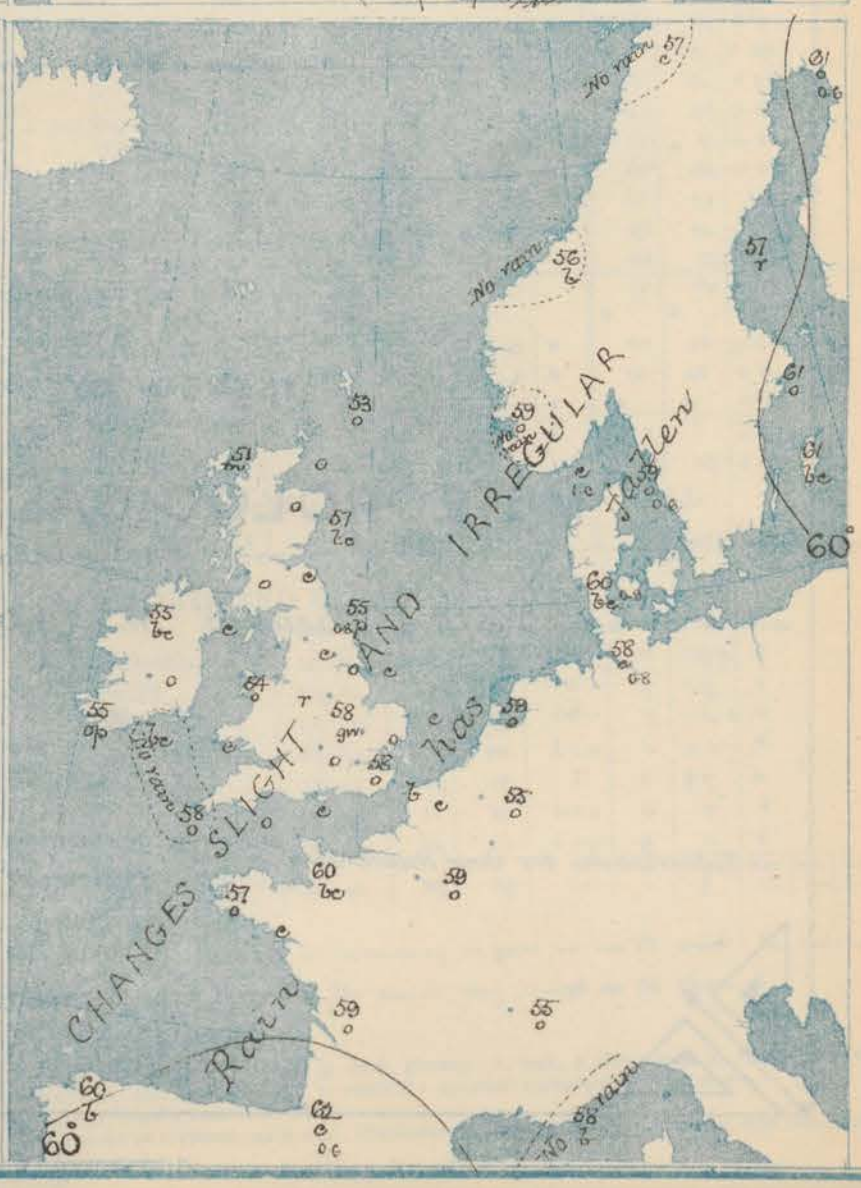
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp. °	Rain-fall ins
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 27th August 1882 at 8 a.m.

The weather over our Islands, though much quieter than of late can hardly be considered settled. The depression which passed over us on Friday, and whose centre was over the North Sea yesterday morning has now reached the Skager Rack; the barometer has risen very briskly on all our coasts, the wind has lulled generally, and, on the whole the weather has improved in most places. In the extreme W. however, a change of the opposite kind has commenced, for the barometer has begun to fall fast at Valencia, the wind there has backed to SSE., the sky is overcast, and showers of rain are falling. Temperature shows some inclination to rise over England, but the change is very slight, and the readings are very low for the season. The sea is moderate in the W. and S., smooth in the N. and E.

A new depression is apparently approaching our extreme W^n coasts, and as the baric fall at Valencia is very decided, warnings have been issued to all our W^n coasts.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

.....

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	NONE ISSUED.	6 SCOTLAND WEST	NONE ISSUED.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	

METEOROLOGICAL OBSERVATIONS FOR 27th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.57	59	S	2	o	29.75	+ .28	61	58	+ 4	S	2	o	*	?	54	0.55
Hernösand	29.61	58	S	5	b	29.60	+ .07	57	56	− 2	SSE	2	r	*	68	52	-
Stockholm ...	29.65	59	S	4	r	29.52	− .14	61	59	+ 1	S	2	o	*	66	54	0.16
Wisby	29.63	60	SSE	4	bc	29.54	− .15	61	59	+ 1	SSW	2	bc	*	70	55	0.20
Bodö	29.49	57	Z	0	c	29.49	+ .14	57	54	− 1	E	2	c	1	66	54	-
Christiansund...	29.44	57	NW	1	b	29.41	+ .08	56	52	− 3	E	1	b	1	61	46	-
‡Skudesnaes ...	29.41	59	NNW	2	o	29.39	− .06	59	56	0	NNW	2	o	3	64	59	-
Oxö (Ytiansund) ...	29.32	58	N	2	o	29.34	− .13	57	54	+ 2	N	4	c	3	59	54	0.98
Skagen (The Skaw)	29.38	59	SSW	3	c	29.29	− .22	59	57	− 2	S	3	o	2	61	53	0.59
Fanö ...	29.33	57	WSW	4	c	29.50	+ .12	60	56	+ 5	WNW	6	bc	*	61	54	0.87
Cuxhaven ..	29.49	?	W	1	r	29.58	+ .11	58	57	+ 1	WSW	3	c	*	61	54	0.78
‡Sunburgh Head	29.41	54	WNW	2	o	? 29.52	+ .15	53	51	+ 1	NNW	4	o	3	55	50	0.10
‡Stornoway ..	29.59	55	ENE	4	d	29.63	+ .16	51	51	− 3	NW	4	m	3	55	49	0.06
Wick	29.48	53	NW	4	r	29.60	+ .15	55	53	+ 1	NW	2	o	2	60	50	0.14
Nairn ...	29.53	55	Z	0	r	29.63	+ .20	54	52	+ 1	WNW	1	o	1	60	53	0.10
‡Aberdeen ...	29.51	56	NW	3	r	29.58	+ .11	57	54	+ 2	NW	5	bc	2	63	51	0.18
Leith	29.58	58	W	1	bc	29.63	+ .14	55	54	+ 2	W	1	c	*	68	46	0.05
‡Shields	29.55	56	Z	0	o	29.62	+ .14	55	54	+ 3	WNW	3	op	2	58	51	0.75
Spurn Head	29.59	57	W	3	c	29.65	+ .22	56	54	+ 1	W	5	c	3	62	54	0.18
York	29.63	59	WNW	2	c	29.66	+ .19	56	53	+ 3	W	3	o	*	65	51	0.01
Loughborough	29.64	58	WNW	3	bc	29.72	+ .21	56	53	+ 2	WNW	5	bcu	*	63	54	-
Ardrossan ...	29.62	59	WNW	3	c	29.67	+ .15	55	55	− 1	WNW	3	o	2	63	52	0.01
‡Mullaghmore ..	29.79	56	NW	6	o	29.78	+ .11	55	52	0	NW	5	bc	4	58	52	0.06
Donaghadee ...	29.70	56	NW	5	o	29.75	+ .18	56	54	+ 2	NW	5	c	3	61	52	0.04
Parsonstown ...	29.85	58	NNW	1	o	29.84	+ .12	52	50	− 2	Z	0	o	*	60	49	0.03
Barrow-in-Furness	29.62	58	WNW	4	bc	29.69	+ .18	56	54	+ 1	NW	4	o	3	62	54	0.02
‡Holyhead ...	29.72	58	WNW	6	ou	29.77	+ .17	54	52	− 3	W	4	o	3	60	53	0.01
Liverpool (Bidston)	29.65	57	W	6	o	29.73	+ .18	54	53	− 1	W	5	2	4	61	54	0.11
‡Valencia	29.96	56	NW	4	o	29.81	− .04	55	54	− 1	SSE	3	op	7	62	51	0.14
Roche's Point...	29.86	59	NNW	4	c	29.85	+ .09	55	53	− 2	W	1	bc	3	62	50	
Pembroke ..	29.77	58	WNW	4	o	29.84	+ .15	56	52	+ 1	WNW	3	c	2	59	55	
‡Scilly	29.88	59	WNW	6	c	29.89	+ .12	58	55	0	W	4	f	4	60	54	
Prawle Point ..	29.82	58	WNW	4	bc	29.88	+ .25	56	55	− 1	W	4	o	3	64	52	0.04
Hurst Castle ..	29.71	65	NW	5	c	29.83	+ .23	58	55	+ 2	NNW	5	c	3	66	55	
‡Dover	29.64	61	WNW	3	b	29.75	+ .22	6.	57	+ 6	W	3	b	2	66	53	0.09
‡London	29.66	59	WNW	2	bc	29.77	+ .25	58	55	+ 1	W	3	o	*	66	52	0.07
Oxford	29.73	57	W	3	o	29.78	+ .22	57	54	+ 1	WSW	3	o	*	63	53	0.06
Cambridge ..	29.65	59	WNW	1	bc	29.73	+ .24	56	55	+ 2	W	1	o	*	66	57	
‡Yarmouth ...	29.59	57	WNW	3	od	29.67	+ .31	57	55	− 2	WNW	3	o	2	63	52	0.06
The Helder ...	29.59	59	WNW	4	r	29.63	+ .28	59	56	+ 2	WSW	3	o	2	63	57	0.20
Cape Gris Nez	29.67	61	W	7	c	29.77	+ .31	57	56	0	W	4	c	3	66	55	0.04
‡Jersey	29.85	59	WNW	6	cqw	29.92	+ .23	60	58	+ 2	WNW	4	bc	4	63	57	0.01
Brest	29.94	57	NW	5	o	30.00	+ .19	57	55	0	NW	4	o	4	63	54	0.08
Lorient	? 29.88	? 59	NW	7	bc	? 29.97	+ .23	56	54	+ 1	NW	5	c	3	61	54	0.01
‡Rochefort ...	29.88	63	NW	8	c	29.97	+ .21	59	58	− 2	NW	7	o	2	66	54	0.08
Biarritz	30.08	63	WNW	8	c	30.13	+ .19	62	57	− 2	WNW	8	c	5	68	58	0.55
Corunna	*	*	*	*	*	30.19		60	59		ENE	4	b	3	70	55	0.04
Brussels	*	*	*	*	*	29.76	+ .32	?	55	?	SW	3	o	*	63	54	0.35
Charleville ...														*			
Paris	29.77	62	SW	4	bc	29.89	+ .27	59	56	0	SW	1	o	*	*	*	0.32
Lyons	29.89	62	SE	2	b	29.97	+ .12	55	52	− 3	NW	1	o	*	72	52	0.04
Toulon	29.83	64	W	5	b	29.80	− .04	58	54	− 5	NW	8	b	7	77	57	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.40	53	W	2	o	28.45	− .14	53	50	+ 3	W	2	c	*	58	50	0.05

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ..	29.44	64	58	NW	2	c	4
Sunburgh Head	29.40	55	54	W	3	r	2
Stornoway ...	29.57	54	53	NW	4	m	3
Aberdeen ...	29.50	59	54	S	3	o	1
Shields	29.53	54	54	Z	0	o	2
Ardrossan ...	29.57	62	61	WNW	3	c	2
Mullaghmore ..	29.76	58	55	NW	6	o m	5
Holyhead	29.66	60	57	WNW	6	c	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.94	58	57	NW	4	op	4
Scilly	29.86	60	57	WNW	6	bc	5
Dover	29.60	64	58	WNW	4	bc	2
London ...	29.64	62	56	WNW	4	op	*
Yarmouth ..	29.53	62	56	NNW	4	bc	3
Jersey	29.81	61	58	WNW	5	c	5
Rochefort ..							

						Max.	Min.	Rain.
Ben Nevis (4406 ft) 9 a.m. on 26th.	25.06	38	38	SW	3	f	42	35	0.13

The barometer continues to rise steadily on all our coasts. NW winds prevail generally and are becoming moderate in force, and the weather is improving slowly. The sea is now going down in the channel.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY, 28TH AUGUST.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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WEATHER CHARTS

for 8 a.m. on Monday. 28TH August. 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
»→ - forces above 10; ›→ - forces 8 to 10
→ - forces 5 to 7; → - forces 1 to 4;
⊙ - dead calm.

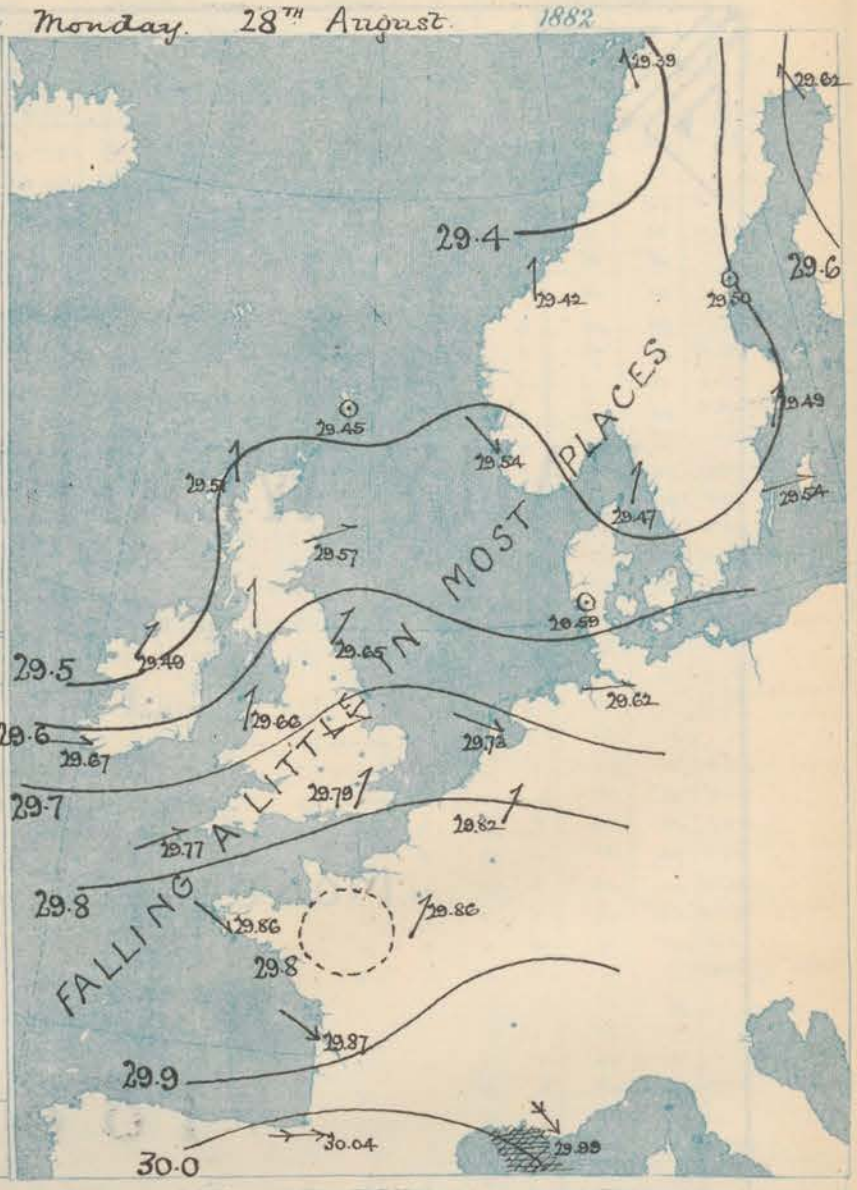
Sea Disturbance, where considerable, is shown by shading round the coast; thus ▒ - Rough, ▒ - High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 · 934
Ardrossan	29 · 908
Greencastle	29 · 909
Holyhead	29 · 939
Valencia	29 · 965
Roche's Pt.	29 · 985
Plymouth	30 · 007
LONDON	29 · 988
Yarmouth	29 · 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.

REMARKS

for Monday 28th August 1882 at 8 a.m.

The changes in barometric pressure during the past 24 hours have been slight and somewhat irregular, and this morning's observations show that readings range from 30.0 ins. at Biarritz to about 29.5 ins. off our NW. coasts. The depression noticed in the NE yesterday is apparently dispersing over Scandinavia. A shallow local depression is formed over the NW. of France, while a new disturbance is moving NE^ds outside our extreme NW. coasts. Temperature is increasing slightly over England, but the readings are still very low for the time of year. The wind has gradually backed to the SW^ds on nearly all our coasts, and is light to moderate in force. In the W. of France, however, it is more W^ly, and blows a moderate gale at Rochefort, and a fresh gale at Biarritz. A good deal of rain has fallen over the W^n parts of France, and a smaller quantity at several of our W^n and N^n stations. In the latter districts some showers are still reported, and over our Islands generally the sky is cloudy. The Sea is moderate to smooth, - slight at Holyhead, very smooth at Dover.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

29th August.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	S^ly and SW^ly breezes, light to fresh; cloudy, showery.	6 SCOTLAND WEST	SW^ly breezes, moderate; cloudy, showery at times.
1 SCOTLAND EAST	SW^ly breezes, light; some showers, but fair on the whole.	7 ENGLAND N.W.	- - - D° - - - D° - - - D° - - -
2 ENGLAND N.E.	- - - D° - - - D° - - - D° - - -	8 ENGLAND S.W.	W^ly and SW^ly breezes; cloudy, some showers
3 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	Same as N° 7.
4 MIDLAND COUNTIES	Same as N°s 1 and 2.	10 IRELAND SOUTH	Same as N° 8.
5 ENGLAND SOUTH	SW^ly breezes, light; cloudy, fair.	WARNINGS	The S. cone, hoisted in Districts N°s 8 and 10 on Sunday, has been lowered to-day.

METEOROLOGICAL OBSERVATIONS FOR 28th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·71	58	SE	2	o	29·62	-·13	58	58	- 3	SE	2	o	*	64	55	0·16
Hernösand	29·54	57	Z	0	o	29·50	-·10	58	57	+ 1	Z	0	f	*	59	54	0·87
Stockholm ...	29·50	58	SSE	2	b	29·49	-·03	60	57	- 1	SSW	2	o	*	68	55	-
Wisby	29·58	58	S	4	b	29·54	·00	59	57	- 2	W	4	c	*	64	57	-
Bodö	29·47	59	E	2	c	29·39	-·10	58	55	+ 1	SE	2	c	1	64	54	0·04
Christiansund...	29·40	56	W	2	c	29·42	+·01	55	53	- 1	S	1	r	1	61	52	0·04
‡Skudesnaes ...	29·51	57	NW	2	bc	29·54	+·15	57	54	- 2	NW	2	c	3	61	57	-
Oxö (Xtiansund) ...	29·46	58	NNW	2	c	29·46	+·12	57	53	0	W	2	b	2	63	52	-
Skagen (The Skaw)	29·50	57	WSW	2	c	29·47	+·18	57	56	- 2	SW	3	b	2	63	54	0·04
Fanö	29·58	55	WSW	2	bc	29·59	+·09	57	57	- 3	Z	0	c	*	63	52	0·04
Cuxhaven ...	29·64	?	W	2	bc	29·62	+·04	60	59	+ 2	W	3	bc	*	69	54	0·10
‡Sumburgh Head	29·55	52	NNW	3	r	29·45	-·?	52	50	- 1	Z	0	o	0	54	49	0·02
‡Stornoway ...	29·68	54	NW	3	o	29·51	-·14	53	51	+ 2	S	4	o	3	56	50	0·01
Wick	29·64	57	NW	2	o	29·53	-·07	54	53	- 1	NE	2	c	3	60	51	-
Nairn ...	29·66	57	WNW	1	o	29·53	-·10	55	53	+ 1	Z	0	opd	1	60	53	0·02
‡Aberdeen ...	29·65	59	NNW	2	b	29·57	-·01	57	55	0	WSW	1	o	1	61	52	0·04
Leith ...	29·66	59	W	1	c	29·60	-·03	55	53	0	Z	0	om	*	67	51	0·01
‡Shields	29·67	56	Z	0	o	29·65	+·03	54	52	- 1	SW	1	cm	2	61	49	0·07
Spurn Head	29·68	58	NNE	2	c	29·70	+·05	56	54	0	S	2	c	2	60	52	0·10
York ...	29·70	60	WNW	3	bc	29·71	+·05	55	53	- 1	SW	2	o	*	64	49	0·01
Loughborough	29·75	59	WNW	1	o	29·75	+·03	54	52	- 2	WSW	1	sqmw	*	62	49	-
‡Ardrossan ...	29·69	61	W	3	c	29·57	-·10	56	56	+ 1	S	3	o	2	64	51	-
‡Mullaghmore ...	29·76	56	W	2	o	29·49	-·29	57	56	+ 2	SW	4	ong	o	59	49	0·05
Donaghadee ...	29·76	56	NNE	3	o	29·58	-·17	55	54	- 1	SSW	6	o	4	61	50	-
Parsonstown ...	29·77	59	Z	0	bc	29·60	+·24	56	55	+ 4	S	1	or	*	61	51	0·06
Barrow-in-Furness	29·73	60	WNW	4	bc	29·67	-·02	57	52	+ 1	SW	3	o	3	62	55	-
‡Holyhead ...	29·77	57	W	1	o	29·66	-·11	57	53	+ 3	SSW	3	o	3	59	53	-
Liverpool (Bidston)	29·75	56	W	2	c	29·69	-·04	56	51	+ 2	SSW	1	o	2	59	53	0·01
‡Valencia	29·77	58	SE	4	o	29·67	-·14	56	55	+ 1	W	4	op	4	60	54	0·16
Roche's Point ...	29·77	57	S	2	c	29·65	-·20	57	55	+ 2	WSW	4	c	4	60	51	0·05
Pembroke ...	29·78	56	W	1	b	29·71	-·11	57	55	+ 1	S	3	opd	3	59	51	-
‡Scilly	29·74	57	ESE	4	f	29·77	-·12	60	59	+ 2	WSW	4	of	4	60	55	0·02
Prawle Point ...	29·81	56	WSW	3	o	29·79	-·09	57	56	+ 1	W	1	c	1	62	52	-
Hurst Castle ...	29·81	60	WNW	3	c	29·80	-·03	58	57	0	Z	0	c	1	65	51	0·02
‡Dover	29·76	63	WNW	3	b	29·79	+·04	62	57	+ 1	WSW	Z	b	1	66	54	-
‡London	29·79	60	W	2	o	29·79	+·02	56	54	+ 2	SW	1	o	*	64	47	-
Oxford	29·80	57	W	2	o	29·78	·00	53	52	- 4	S	1	o	*	61	47	-
Cambridge ...	29·75	59	W	1	o	29·75	+·02	58	56	+ 2	SW	1	bc	*	64	51	-
‡Yarmouth ...	29·69	58	W	3	bc	29·75	+·08	55	53	- 2	WNW	1	c	2	63	48	0·12
The Helder ...	29·68	59	W	3	c	29·73	+·10	59	55	0	WNW	1	bc	2	61	57	0·08
Cape Gris Nez	29·79	59	WSW	5	m	29·81	+·04	58	57	+ 1	SW	1	bc	1	64	55	0·08
‡Jersey	29·83	59	SW	3	o	29·81	-·11	58	58	- 2	NE	1	o	2	63	55	0·09
Brest	29·82	60	WNW	4	r	29·86	-·14	58	58	+ 1	NW	3	o	2	59	55	0·28
Lorient	? 29·72	60	WNW	5	m	? 29·81	-·16	57	57	+ 1	WNW	5	m	3	61	54	0·28
‡Rochefort ...	29·91	61	WNW	7	o	29·87	-·10	64	63	+ 5	WNW	7	o	2	66	54	0·49
Biarritz	30·13	64	W	5	o	30·04	-·09	64	60	+ 2	W	8	r	4	75	52	0·08
†Corunna	*	*	*	*	*	30·05	-·14	65	64	+ 5	SW	3	o	3	72	3	0·16
Brussels	*	*	*	*	*	29·82	+·06	57	54	+ 2	SW	1	b	*	65	52	0·08
Charleville ...	?	57	NW	1	o	? 29·86		54	51		SW	1	o	*	68	50	0·20
Paris	29·88	60	WSW	3	c	29·86	-·03	57	56	- 2	SW	1	o	*	*	*	0·16
Lyons	29·99	61	S	1	c	30·02	+·05	54	54	- 1	S	1	r	*	67	53	0·24
Toulon	29·86	67	NW	9	b	29·99	+·19	59	55	+ 1	NW	8	b	7	68	55	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·50	52	WSW	3	o	28·46	+·01	50	49	- 3	SSW	2	o	*	55	49	0·08

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·46	61	57	NW	6	c	3
Sumburgh Head							
Stornoway ...							
Aberdeen ...							
Shields							
Ardrossan ...							
Mullaghmore ...							
Holyhead							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...							
Scilly							
Dover							
London ...							*
Yarmouth ...							
Jersey							
Rochefort ...	29·98	66	63	WNW	5	o	2
Ben Nevis (4406 ft) 9 am. on 27th	25·74	38	38	ESE	1	f	Max 41, Min 37, Rain 0·20

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

† Received too late for insertion in Charts.

DAILY WEATHER REPORT

FOR

TUESDAY 29TH AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Prof. Longfield Lith. Bedford St. Covent Garden

WEATHER CHARTS

for 8 a.m. on Tuesday 29th August 1882

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
⟶ - forces above 10; ⟶ - forces 8 to 10
⟶ - forces 5 to 7; ⟶ - forces 1 to 4;
⊙ - dead calm.

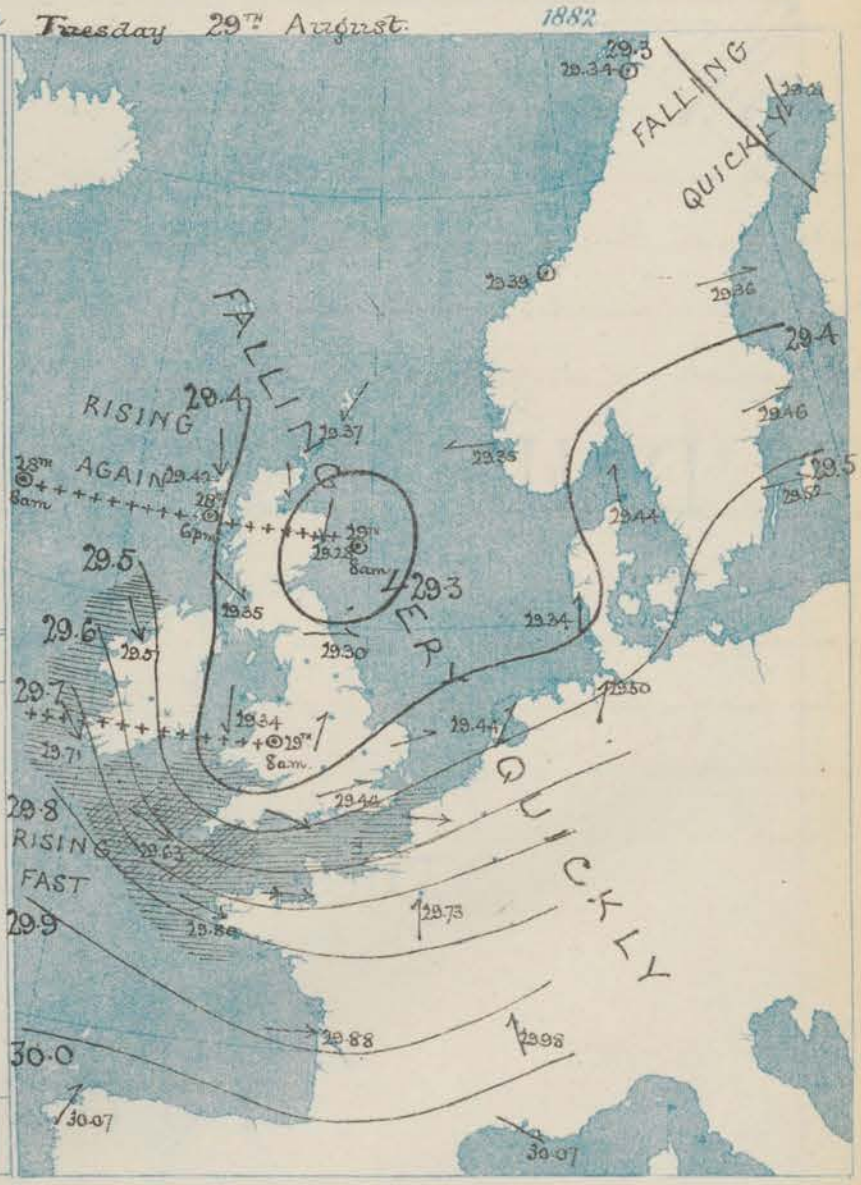
Sea Disturbance, where considerable, is shown by shading round the coast; thus ▒ - Rough; ▒ - High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 985
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

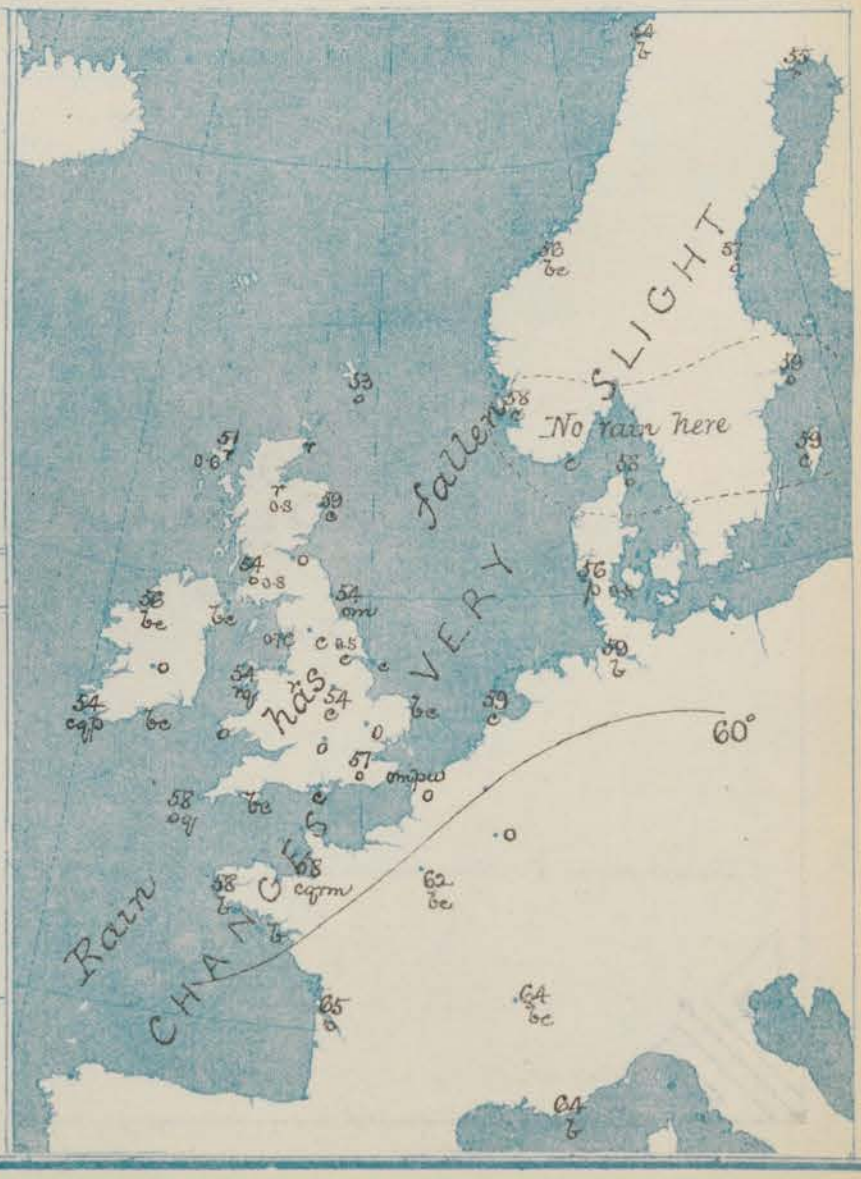
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in: or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 29th August 1882 at 8 a.m.

The depression which was approaching our NW. coasts yesterday has travelled across Scotland, and now lies over the North Sea not far from the mouth of the Firth of Forth. In the mean time a rather deep secondary disturbance has advanced across Ireland to Wales, and appears likely to move across England during to-day. The effect of this has been the production of steep gradients for W. winds over the N of France, the Channel, and the S. and SW. of England. Fresh to strong W. gales have set in over our SW. districts, and the wind is increasing from the same quarter at the SE. stations also. In Ireland and Scotland the wind has veered to NW or N, and is more moderate. Temperature is still low generally; the maximum readings yesterday did not exceed 65° at any of our stations. Rain has fallen almost everywhere, most in Ireland, and the weather is still showery and unsettled very generally. The sea runs high at the mouth of the Channel, and is rough on our SW. and S. coasts generally.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

30th AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
0 SCOTLAND NORTH	N. and NW. winds, moderate; rainy to fair.	6 SCOTLAND WEST	NW. breezes, moderate to fresh; showery.
1 SCOTLAND EAST	. . . . D° . . . . D° . . . . D°	7 ENGLAND N.W.	. . . . D° . . . . D° . . . . D° . . . .
2 ENGLAND N E	Wind becoming NW. and fresh; rain at times, unsettled.	8. ENGLAND S.W.	W. gales, veering to NW. and moderating; rainy at times; very unsettled.
3 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	NW. winds, strong to moderate; showery to fair.
4 MIDLAND COUNTIES	Same as N° 2.	10 IRELAND SOUTH	. . . . D° . . . . D° . . . . D° . . . .
5 ENGLAND SOUTH	W. winds, strong to a gale, with rain; then NW. strong, and showery; cold.	WARNINGS	The S cone was hoisted in Districts N°s 6 to 10 last evening and in N°s 3 and 5 this morning. In Districts 6, 7 and 9 it has now been lowered

METEOROLOGICAL OBSERVATIONS FOR 29th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·47	57	E	2	0	29·21	-·41	55	55	-3	N	4	r	*	63	52	0·35
Hernösand	29·43	54	S	0	0	29·36	-·14	57	54	-1	W	2	0	*	68	54	0·04
Stockholm ...	29·44	58	W	2	c	29·46	-·03	59	57	-1	WSW	2	0	*	66	54	-
Wisby	29·51	58	SW	4	bc	29·52	-·02	59	56	0	W	4	c	*	66	54	-
Bodö	29·39	57	S	0	c	29·34	-·05	54	53	-4	S	0	b	0	64	50	0·04
Christiansund ...	29·44	56	SW	3	c	29·39	-·03	56	53	+1	S	0	bo	1	59	48	0·04
‡Skudesnaes ...	29·50	57	W	2	c	29·35	-·19	58	54	+1	E	2	c	3	?	57	-
Oxö (Christiansund) ...	29·45	57	WSW	4	b	29·42	-·04	59	55	+2	S	2	c	2	66	54	-
Skagen (The Skaw)	29·49	59	WSW	4	b	29·44	-·03	58	55	+1	S	3	0	2	64	52	-
Fano ...	29·60	56	WSW	2	c	29·34	-·25	56	56	-1	S	4	p	*	64	54	0·47
Cuxhaven	29·72	?	NW	2	bc	29·50	-·12	59	58	-1	SSW	4	b	*	61	54	0·08
‡Sumburgh Head	29·44	54	ESE	3	0	29·37	-·08	53	52	+1	NE	4	0	3	57	50	0·15
‡Stornoway	29·35	53	E	1	0	29·42	-·09	54	53	+1	N	5	r	4	55	50	0·56
Wick ...	29·33	55	S	2	0	29·36	-·17	55	54	+1	N	2	r	2	60	51	-
Nairn ...	29·34	55	S	0	r	29·32	-·21	51	51	-4	S	0	r	1	61	50	0·79
‡Aberdeen ...	29·38	55	S	4	rq	29·28	-·29	59	55	+2	NNE	4	o	2	63	53	0·10
Leith	29·33	55	S	3	o	29·29	-·31	51	49	-4	W	1	r	*	61	49	0·24
‡Shields	29·42	55	SSW	3	o	29·30	-·35	54	53	0	W	2	om	2	60	51	0·18
Spurn Head	29·49	59	SSW	4	c	29·33	-·37	55	53	-1	SSW	5	c	2	61	51	-
York ...	29·47	57	S	1	r	29·37	-·34	54	52	-1	SSW	1	c	*	61	49	0·19
Loughborough	29·54	59	WSW	3	bo	29·35	-·40	54	52	0	SSW	4	c	*	63	50	0·09
‡Ardrossan	29·38	55	WNW	2	c	29·35	-·22	54	54	-2	NW	3	c	2	57	49	0·81
‡Mullaghmore ...	29·41	54	SW	6	r	29·51	+·02	56	53	-1	NNW	5	bo	5	61	52	0·24
Donaghadee ...	29·45	56	WSW	4	c	29·41	-·17	56	54	+1	NNW	5	b o	3	63	50	0·36
Parsonstown	29·51	55	W	1	r	29·55	-·05	54	52	-2	NW	2	0	*	61	50	0·37
Barrow-in-Furness	29·47	59	WSW	3	bq	29·30	-·37	52	51	-5	N	2	c	3	59	50	0·68
‡Holyhead ...	29·51	58	WSW	3	bo	29·34	-·32	54	52	-3	N	4	rq	3	61	52	0·35
Liverpool (Bidston)	29·50	57	WSW	3	bo	29·33	-·36	52	51	-4	S	1	r	3	59	50	0·34
‡Valencia	29·56	56	WSW	6	pour	29·71	+·04	56	54	0	NW	5	cqp	5	62	53	0·11
Roche's Point ...	29·55	56	W	5	c	29·66	-·09	57	54	0	NNW	6	bc	4	62	50	0·03
Pembroke ...	29·58	57	W	5	c	29·34	-·37	55	53	-2	W	8	0	6	60	52	0·14
‡Scilly	29·74	60	W	5	c	29·63	-·14	58	55	-2	WNW	10	oq	7	62	54	0·05
Prawle Point ...	29·71	58	SW	6	c	29·53	-·26	56	56	-1	SW	8	bo	7	60	52	0·20
Hurst Castle ...	29·67	60	W	5	c	29·52	-·28	58	55	0	WNW	7	c	6	64	55	0·12
‡Dover	29·69	61	WSW	4	c	29·60	-·29	56	54	-6	WSW	5	omp	3	64	53	0·22
‡London	29·62	51	WSW	4	o	29·44	-·35	57	54	+1	WSW	4	ou	*	64	52	-
Oxford	29·60	56	SW	4	b	29·39	-·39	53	53	0	S	3	op	*	63	51	0·12
Cambridge ...	29·57	61	SW	1	o	29·40	-·35	55	53	-3	SW	2	0	*	65	49	0·10
‡Yarmouth ...	29·62	61	SW	4	c	29·43	-·32	55	52	0	WSW	3	bc	3	64	50	0·07
The Helder ...	29·64	58	S	1	c	29·44	-·29	59	54	0	SW	3	c	3	64	57	-
Cape Gris Nez	29·72	61	W	7	c	29·51	-·30	58	57	0	W	7	0	5	66	55	-
‡Jersey	29·81	60	W	4	oq	?	?	58	56	0	W	8	cqrm	6	64	54	0·17
Brest	29·87	60	WNW	4	o	29·80	-·06	58	55	0	WNW	7	b	5	61	53	-
Lorient	29·87	?	WNW	5	m	? 29·78	-·03	? 59	55	+2	WNW	7	b	4	61	55	-
‡Rochefort ...	?	65	WNW	7	r	29·88	+·01	65	64	+1	W	7	0	3	70	50	0·08
Biarritz																	
Corunna	*	*	*	*	*	30·07	+·02	67	58	+2	SW	3	bc	3	73	63	0·04
Brussels ...	*	*	*	*	*									*			
Charleville ...	29·80	62	?	1	0	? 29·71	-·15	58	54	+4	NW	4	0	*	72	53	0·08
Paris	29·82	65	SW	4	0	29·73	-·13	62	59	+5	S	4	bc	*	*	*	0·04
Lyons	29·97	64	SSW	1	bc	29·98	-·01	64	59	+10	SSE	1	bc	*	78	?	0·20
Toulon	30·02	64	W	8	b	30·07	+·05	64	61	+5	NW	4	b	3	68	59	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28·24	52	WSW	2	0	28·12	-·34	48	48	-2	NNW	1	c	*	54	45	0·52

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·53	62	56	W	4	c	3
Sumburgh Head	29·49	54	52	SE	2	0	1
Stornoway ...	29·39	54	52	SSE	5	r	4
Aberdeen ...	29·47	59	55	S	4	c	1
Shields ...	29·52	59	55	SW	3	o m	2
Ardrossan ...	29·41	56	56	NNE	1	r	2
Mullaghmore ...	29·49	56	53	W	6	o q pq	5
Holyhead ...	29·53	57	56	W	3	d	2

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29·65	58	56	WSW	5	c	5
Scilly	29·75	61	60	WSW	5	oq	4
Dover	29·75	64	59	WSW	3	bc	1
London ...	29·72	63	59	SSW	3	o	*
Yarmouth ...	29·72	63	56	WSW	3	bc	2
Jersey	?	61	60	WSW	4	o	3
Rochefort ...	29·91	68	66	NW	7	c	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.	Max.	Min.	Rain.
Ben Nevis (4406 ft.) 9 a.m.	25·06	36	36	S	5	f		42	35	0·09

The depression which lay off our NW. coasts this morning is moving steadily to the E^ward, so that the wind is veering towards W. on our W. and S. coasts, while it is backing towards E. in the far N. The weather remains dull generally, with rain in the NW. and fog at Scilly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY 30TH AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Wm Clowes & Sons Limited, Duke Street, Stamford Street, London.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY. 30TH *August* 1882.

BAROMETER, WIND & SEA

Explanation of Map.

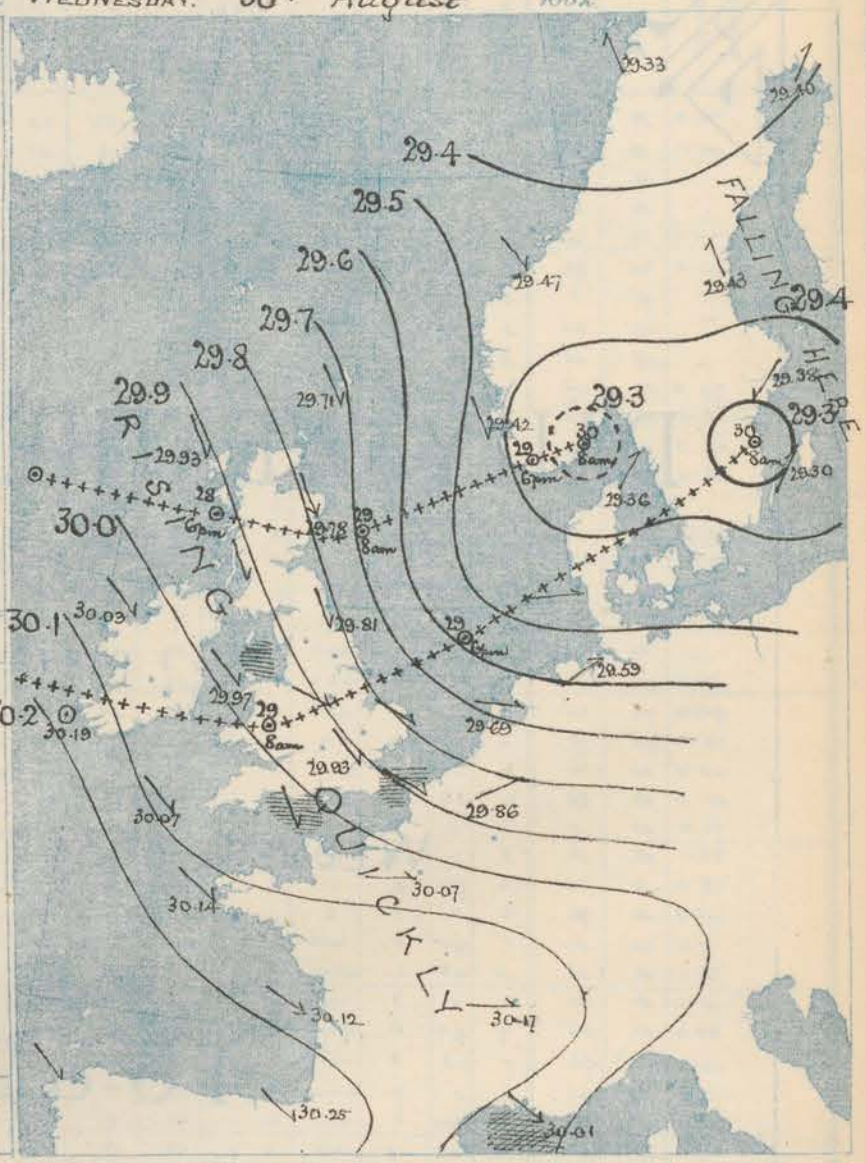
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,—
→ - forces above 10; → - forces 8 to 10
→ - forces 5 to 7; → - forces 1 to 4;
⊙ = dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings
	Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 . 934
Ardrossan	29 . 908
Greencastle	29 . 909
Holyhead	29 . 939
Valentia	29 . 965
Roche's Pt.	29 · 955
Plymouth	30 . 007
LONDON	29 . 988
Yarmouth	29 . 968

* These means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL *in* PAST 24 HOURS.

Explanation of Map.

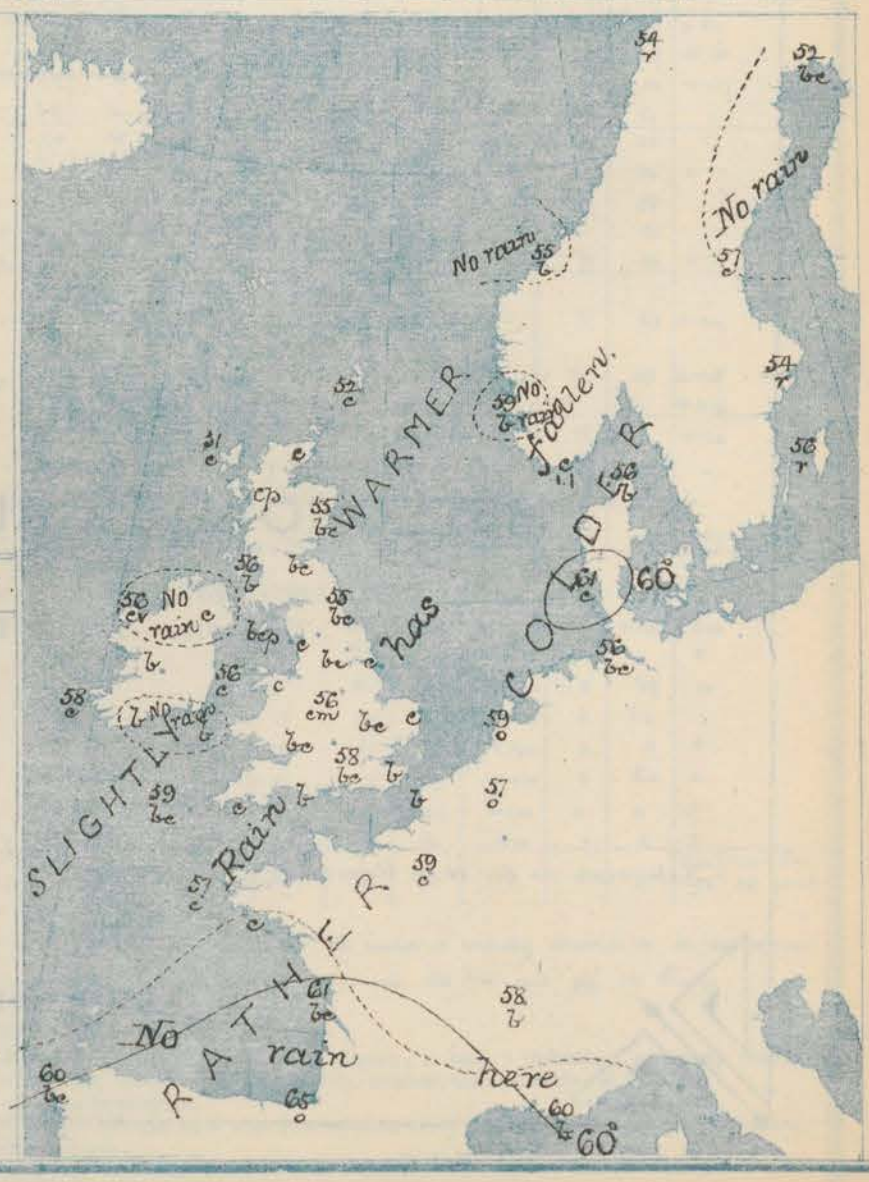
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·5	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valencia	60·3	4.08
Scilly (St Mary's)	62·0	2.20
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 30th August 1882 at 8 a.m.

The depressions which lay over and near our Islands yesterday, have both passed away to the S.E. part of Scandinavia, and a decided rise of the barometer is in progress on our coasts. Readings now range from 30·25 ins. at Biarritz and 30·19 ins. at Valencia to about 29·3 ins. in the neighbourhood of Christiania and Visby. Temperature is again very low generally, the readings ranging from 50° to 59°. The wind is NW.ly on all our coasts, and is moderate to fresh in force. Fresh to strong W.ly gales occurred at our W.n stations yesterday and moderate gales in the more E.n parts of the Channel. In London the force of a fresh gale was reached in some squalls between 3pm and 5pm. Showery weather prevailed yesterday in nearly all parts of our Islands; the sky has since cleared very generally, but showers are still reported at Nairn. The sea is rather rough in the Channel, moderate on our W.n coasts, slight in the NE and E.

The Signals were all lowered yesterday afternoon or evening.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the
31st AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NWly breezes, moderate to light; a few showers to-day, but fine on the whole.	6 SCOTLAND WEST	NWly breezes, moderate to fresh; fair on the whole.
2 SCOTLAND EAST	- - - - D° - - - D° - - - D° - - -	7 ENGLAND N.W.	- - - - D° - - - D° - - - D° - - - -
3 ENGLAND N.E.	- - - - D° - - - D° - - - D° - - -	8 ENGLAND S.W.	Same as No. 5.
4 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	NWly breezes, light; fair generally. Wind probably backing later
5 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	- - - - D° - - - D° - - - D° - - -
6 ENGLAND SOUTH	NWly breezes, fresh to light; slight showers to-day, then fine generally; cold.	WARNINGS	The signals in the W. and S. were all lowered yesterday.

METEOROLOGICAL OBSERVATIONS FOR 30th AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 A.M. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 A.M. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	FAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.31	56	S	0	c	29.40	+ .19	54	51	- 1	SW	2	bq	*	63	52	-
Hernösand	29.44	58	S	2	bc	29.43	+ .07	57	55	.0	SSE	2	c	*	72	50	-
Stockholm ...	29.46	55	S	2	b	29.38	- .01	54	54	- 5	ENE	4	r	*	66	?	0.16
Wisby	29.49	56	SSE	4	0	29.30	- .11	56	55	- 3	SSE	2	r	*	66	55	0.16
Bodö	29.31	56	SW	2	0	29.33	- .01	54	53	0	SSE	2	r	1	64	52	0.08
Christiansund ...	29.39	54	NNW	1	bc	29.47	+	55	51	- 1	NW	2	b	3	61	46	-
‡Skudesnaes ...	29.32	59	NNW	2	0	29.42	+ .09	59	56	+ 1	NNW	4	c	2	63	57	-
Oxö (Christiansund) ...	29.28	55	NNW	4	r	29.33	- .09	57	54	- 2	N	4	c	3	59	54	1.06
Skagen (The Skaw)	29.33	59	WSW	2	bc	29.36	- .08	56	54	- 2	SW	2	b	1	61	50	0.12
Fanö	29.38	54	NW	1	c	29.40	+ .06	61	57	+ 5	W	4	c	*	63	52	0.39
Cuxhaven ...	29.43	?	WSW	2	r	? 29.59	+ .09	56	56	- 3	WSW	2	bc	*	61	52	0.40
‡Sumburgh Head	29.50	54	NNE	1	0	29.71	+ .34	52	51	- 1	NNW	4	c	4	56	43	0.14
‡Stornoway	29.66	55	NNW	4	0	29.93	+ .51	51	49	- 3	NNW	4	c	3	56	48	0.24
Wick	29.56	54	NE	2	0	29.83	+ .47	53	50	- 2	NNW	2	c	2	57	49	0.27
Nairn ...	29.57	55	ENE	2	0	29.86	+ .54	53	51	+ 2	WNW	3	pc	3	56	51	0.20
‡Aberdeen ...	29.53	57	N	3	c	29.78	+ .50	55	53	- 4	NNW	5	bc	3	61	51	0.12
Leith	29.57	57	W	1	0	29.83	+ .54	58	54	+ 7	WNW	1	bc	*	60	49	0.29
‡Shields	29.52	58	N	4	c	29.81	+ .51	55	52	+ 1	NW	3	bc	2	58	51	0.11
Spurn Head	29.47	57	WNW	5	c	29.79	+ .46	56	54	+ 1	NW	5	c	3	60	54	0.06
‡York ...	29.53	57	NW	2	0	29.83	+ .46	52	51	- 2	WNW	1	bc	*	63	51	0.34
Lowthermouth	29.61	58	WNW	6	c	29.88	+ .53	56	53	+ 2	WNW	5	cm	*	62	52	0.06
‡Ardrossan ...	29.61	59	WNW	3	0m	29.89	+ .54	56	55	+ 2	NW	3	b	2	63	52	0.01
‡Mullaghmore ...	29.80	57	NNW	6	bc	30.03	+ .52	56	53	0	NW	4	cv	3	61	54	-
Donaghadee ...	29.71	57	NNW	6	c	29.95	+ .54	56	54	0	NW	5	c	3	62	51	-
Parsonstown ...	29.83	60	NW	2	0	30.08	+ .53	52	51	0	NW	1	b	*	63	46	0.04
Barrow-in-Furness	29.58	59	NW	5	0	29.84	+ .54	55	53	+ 3	NW	4	bq	3	60	51	0.07
‡Holyhead ...	29.70	59	WNW	5	c	29.97	+ .63	56	54	+ 2	WNW	5	c	4	61	53	0.05
Liverpool (Bidston)	29.63	58	W	6	c	29.91	+ .58	56	53	+ 4	W	5	b	5	60	52	-
‡Valencia	29.94	58	WNW	4	bcm	30.19	+ .48	58	55	+ 2	S	0	c	1	64	51	0.01
Roche's Point ...	29.87	53	NNW	4	bc	30.08	+ .52	55	52	- 2	NW	2	b	3	62	50	-
Pembroke ...	29.77	60	WNW	4	b	30.04	+ .70	56	53	+ 1	NW	3	b	4	60	54	-
‡Scilly	29.91	59	WNW	8	c	30.07	+ .44	59	56	+ 1	NW	4	bc	4	60	56	0.01
Prawle Point ...	29.86	58	W	6	bc	30.06	+ .53	58	56	+ 2	WNW	3	c	2	63	53	0.04
Hurst Castle ...	29.74	60	NNW	6	b	30.01	+ .49	58	55	0	NNW	4	b	5	64	54	0.04
‡Dover ...	29.61	60	WNW	4	bc	29.90	+ .40	60	55	+ 4	WNW	4	b	3	62	54	0.23
‡London	29.65	60	WNW	5	bc	29.93	+ .49	58	53	+ 1	NW	3	bc	*	64	51	0.11
Oxford	29.74	55	WSW	3	b	29.94	+ .55	56	53	+ 3	W	3	bc	*	63	50	0.05
Cambridge ...	29.52	58	NNW	2	0	29.88	+ .48	56	53	+ 1	WSW	2	bc	*	65	52	0.07
‡Yarmouth ...	29.50	56	WNW	4	c	29.79	+ .36	56	55	+ 1	WNW	4	c	3	59	52	0.20
The Helder ...	29.48	58	WNW	4	r	29.69	+ .25	59	55	0	WNW	4	0	3	59	55	0.47
Cape Gris Nez	29.62	62	SW	7	b	29.92	+ .41	58	56	0	SW	7	b	5	64	54	0.24
‡Jersey ...	29.90	59	W	8	cm	30.09	?	59	57	+ 1	WNW	3	bc	4	62	55	0.01
Brest ...	30.01	60	NW	4	b	30.14	+ .34	57	56	- 1	NW	3	c	3	61	55	0.04
Lorient	29.96	58	WNW	7	bc	? 30.09	+ .31	57	54	- 2	WSW	5	c	3	61	54	-
‡Rochefort ...	30.01	64	NW	8	bc	30.12	+ .24	61	59	- 4	WNW	5	bc	2	68	55	-
Biarritz	30.19	68	W	5	0	30.25	+ .15	65	60	- 1	NW	3	0	3	73	52	-
Corunna	*	*	*	*	*	? 30.11	+ .04	60	59	- 7	NW	1	bc	3	68	57	-
Brussels	*	*	*	*	*	29.86		57	54		WSW	4	0	*	62	54	0.16
Charleville ...														*			
Paris	29.82	61	WSW	7	bc	30.07	+ .34	59	56	- 3	W	4	c	*	*	*	-
Lyons	29.97	67	W	1	b	30.17	+ .19	59	57	- 6	W	1	b	*	70	52	0.12
Toulon	30.05	67	W	7	m	30.01	- .06	60	53	- 4	NW	8	b	7	75	59	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.36	54	W	2	0	28.65	+ .53	50	48	+ 2	WNW	2	c	*	55	48	0.19

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.31	62	56	NW	6	c	3
Sumburgh Head	29.45	56	52	NNE	4	c	3
Stornoway ...	29.59	55	54	N	5	o q	4
Aberdeen ...	29.42	61	57	N	4	r	2
Shields ...	29.38	57	54	NNW	4	o p	2
Ardrossan ...	29.50	62	61	WNW	2	b	1
Mullaghmore ...	29.68	61	57	NNW	6	c	5
Holyhead	29.61	64	57	WNW	6	c q p	5

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ...	29.88	62	58	WNW	4	bcm	5
Scilly	29.84	60	57	WNW	9	o	7
Dover	29.84	59	56	SW	5	bq p	5
London ...	29.39	61	55	W	6	c q p	*
Yarmouth ...	29.50	58	55	WNW	2	c	3
Jersey	29.78	62	58	W	8	bc	7
Rochefort ...	29.95	?68	61	NW	5	bq	3
Ben Nevis (4406 Ft) 9 am on 29th.	24.94	38	37	SW	5	f	Max 40 / Min 33 / Rain 0.41

Both the depression noticed this morning are moving away quickly to the NE^ward, and W^ly to NW^ly winds, strong to a gale in force, are spreading over the S^n half of England. In the W. the barometer is rising quickly and the weather improving.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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DAILY WEATHER REPORT

FOR

THURSDAY 31ST AUGUST

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10s/ per quarter*
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ROBERT H. SCOTT
(SECRETARY.)

Fredk Dangerfield Lith. 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday, 31st AUGUST. 1882

BAROMETER, WIND & SEA

Explanation of Map.

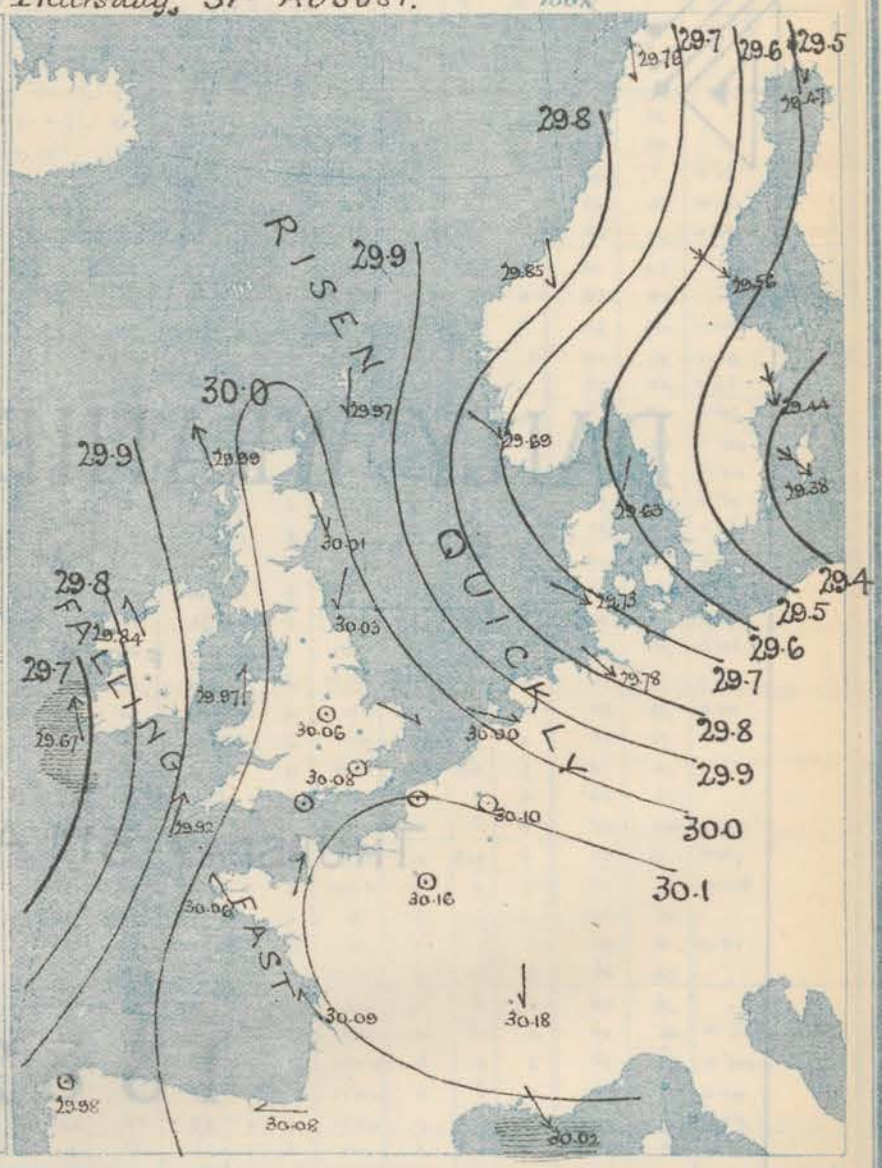
Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus...
→ - forces above 10; → - forces 5 to 10
→ - forces 5 to 7; → - forces 1 to 4;
⊙ - dead calm.
Sea Disturbance, where considerable, is shown by shading round the coasts thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations	Mean Readings. Ins.
Nairn	29 · 853
Aberdeen	29 · 863
Leith	29 · 891
Scarborough	29 · 934
Ardrossan	29 · 908
Greencastle	29 · 909
Holyhead	29 · 939
Valentia	29 · 965
Roche's Pt.	29 · 985
Plymouth	30 · 007
LONDON	29 · 958
Yarmouth	29 · 968

* Three means are for the 10 years 1866–75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

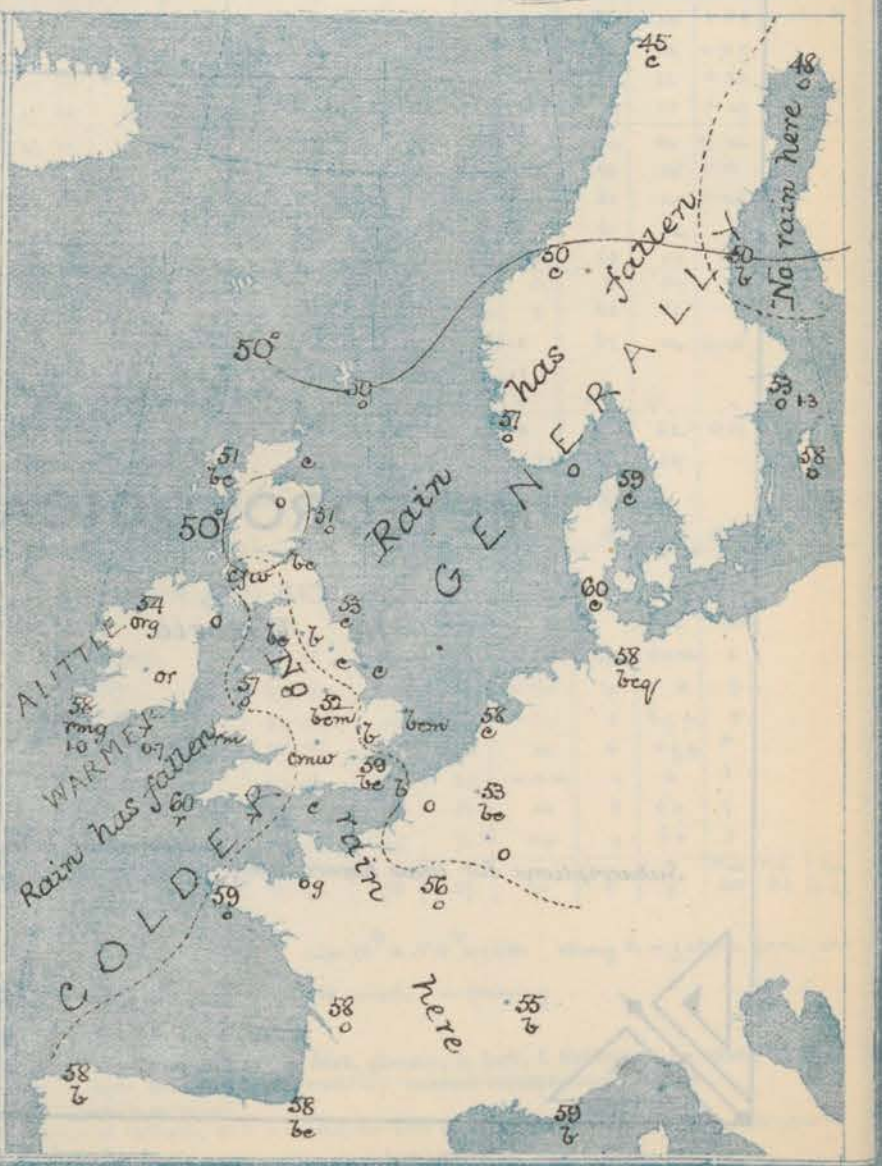
Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of August.

Stations	Temp. °	Rain-fall ins.
Sumburgh Head	54·4	2.32
Stornoway	54·9	3.87
Aberdeen	57·6	3.23
Shields	58·9	2.40
York	60·2	2.37
Mullaghmore	59·0	?
Holyhead	60·1	2.47
Parsonstown	59·6	3.53
Valentia	60·3	4.08
Scilly (St Mary's)	62·0	2.30
Hurst Castle	63·0	?
Dover	62·4	2.14
LONDON	63·5	1.97
Yarmouth	61·7	1.77

* The mean Temperatures are those for the 13 years 1857–69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 31st August 1882 at 8 a.m.

In the course of the past night a large depression has been advancing towards our W. coasts from the Atlantic, and its centre is now apparently still to the W. of Ireland. The barometer has fallen half an inch at Valencia, and the fall is extending gradually to the E. Gradients for S. winds are already established over all our W. coasts, while gradients for NW. winds prevail over the North Sea. Temperature over England shows little from that of yesterday morning, but, after being low in the night, is now rising quickly. In Scotland, however, it has fallen several degrees. S. and SE. winds have set in all along our W. and NW. coasts, and, though moderate generally at present, are increasing in strength. A moderate gale from SSE. has set in at Valencia. Slight showers fell in the N. and NE. yesterday. Heavy rain has set in over Ireland during the night, and even in London the sky is beginning to wear a rainy and unsettled appearance. In the E. the weather is fine at present. The sea is rough and rising in the far W., slight at Holyhead, smooth at Dover.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

1st September

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE. and S. winds, increasing in force; fair at first, then rainy.	6 SCOTLAND WEST	SE. winds, increasing in force; rainy.
2 SCOTLAND EAST	- - - D. - - - D. - - - D. - - -	7 ENGLAND N.W.	S. winds, increasing to fresh or strong gales; much rain.
3 ENGLAND N.E.	- - - D. - - - D. - - - D. - -	8 ENGLAND S.W.	- - - D. - - - D. - - - D. - -
4 ENGLAND EAST	Calms and fair weather, followed by increasing S. winds and rain.	9 IRELAND NORTH	- - - D. - - - D. - - - D. - -
5 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	- - - D. - - - D. - - - D. - -
6 ENGLAND SOUTH	S. winds, light to strong, weather becoming squally and very rainy.	WARNINGS	The S. cone was hoisted in district No. 10 last night, and in No. 7 to 9. this morning

Harrison & Sons, St. Martin's Lane, London

METEOROLOGICAL OBSERVATIONS FOR 31st AUGUST 1882

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·45	55	SW	2	b	29·47	+·07	48	44	− 6	N	4	o	*	63	50	-
Hernösand	29·49	53	Z	0	b	29·56	+·13	50	44	− 7	NW	8	b	*	68	?	-
Stockholm ..	29·30	54	NNE	4	r	29·44	+·06	53	50	− 1	N	8	o	*	?54	?45	1·26
Wisby	29·26	56	WNW	2	bc	29·38	+·08	58	55	+ 2	NW	8	o	*	63	50	0·35
Bodö	29·62	48	NNW	4	c	29·76	+·43	45	42	− 9	N	2	c	o	54	41	0·39
Christiansund...	29·73	52	NNE	6	o	29·85	+·08	50	49	− 5	N	2	c	4	?	45	0·24
‡Skudesnaes ...	29·58	58	NW	6	c	29·69	+·29	57	53	− 2	NW	4	o	3	61	57	-
Oxö (Christiansund) ...	29·50	58	SW	1	bc	29·68	+·35	57	52	0	N	2	o	1	59	55	-
Skagen (The Skaw)	29·48	60	NW	3	c	29·63	+·27	59	55	+ 3	NNE	4	c	2	64	54	-
Fanö ...	29·63	57	NW	4	c	29·73	+·33	60	57	− 1	WNW	6	b	*	63	55	0·12
Cuxhaven ...	29·65	?	WNW	6	r	29·78	+·19	58	57	+ 2	NW	6	bcq	*	61	52	0·14
‡Sumburgh Head	29·90	50	N	5	c	29·97	+·26	50	44	− 2	N	3	o	3	56	46	0·04
‡Stornoway .	30·05	50	N	4	o	29·99	+·06	51	47	0	SE	5	bc	4	54	45	0·03
Wick	29·96	50	N	4	o	30·01	+·18	54	52	+ 1	NE	2	c	2	57	49	0·03
Nairn	30·02	52	WNW	3	c	30·03	+·17	49	47	− 4	Z	0	o	2	59	47	0·06
‡Aberdeen ...	29·96	55	NNW	4	b	30·01	+·23	51	48	− 4	NW	2	o	3	59	47	0·01
Leith	29·98	55	SW	1	r	30·12	+·29	52	49	− 6	ESE	1	bc	*	70	46	0·04
‡Shields	29·97	57	NNE	3	bc	30·03	+·22	53	51	− 2	NNE	2	c	4	61	49	0·03
Spurn Head .	29·96	57	N	4	b	30·03	+·24	53	51	− 3	WNW	2	c	3	61	52	0·09
York	29·99	57	WNW	1	bc	30·05	+·22	51	50	− 1	NW	1	c	*	66	46	0·09
Loughborough	30·02	59	WNW	3	b	30·06	+·18	52	51	− 4	Z	0	bcwm	*	64	44	-
‡Ardrossan ...	30·01	57	NW	3	b	29·99	+·10	50	49	− 6	ENE	2	cfw	1	61	42	-
‡Mullaghmore	30·07	58	N	2	c	29·84	−·19	54	52	− 2	SE	5	orq	3	62	52	0·08
Donaghadee ...	30·08	55	N	5	bc	29·97	+·02	55	52	− 1	SSE	5	o	3	61	43	-
Parsonstown ...	30·08	60	Z	0	c	29·84	−·24	53	52	+ 1	ESE	1	r	*	64	52	0·10
Barrow-in-Furness	30·02	59	NW	4	b	30·02	+·18	50	48	− 5	NE	2	bc	3	65	47	-
‡Holyhead ...	30·06	58	WNW	1	b	29·97	·00	57	54	+ 1	SSE	2	o	1	61	52	-
Liverpool (Bidston)	30·04	57	WNW	4	b	30·01	+·10	53	51	− 3	ESE	2	c	3	61	49	-
‡Valencia	30·08	57	SSE	3	oq	29·67	−·52	58	58	0	SSE	7	rmq	6	64	54	1·02
Roche's Point...	30·11	58	SW	3	o	29·79	−·29	58	58	+ 3	SSE	5	rm	4	63	52	0·72
Pembroke ...	30·10	57	WNW	2	bc	29·95	−·09	56	55	0	SSE	4	r	4	60	55	0·07
‡Scilly	30·12	59	Z	0	o	29·92	−·15	60	60	+ 1	SSW	5	r	4	62	56	0·10
Prawle Point ...	30·15	59	WNW	3	bc	30·04	−·02	56	56	− 2	S	4	r	3	65	51	0·04
Hurst Castle ...	30·07	63	NW	6	b	30·07	+·06	57	55	− 1	ENE	1	c	3	65	51	-
‡Dover	30·01	60	WNW	2	b	30·08	+·18	56	53	− 4	Z	0	b	1	65	51	-
‡London	30·02	63	NW	3	bc	30·08	+·15	59	54	+ 1	Z	0	bc	*	69	45	-
Oxford	30·09	54	W	2	b	30·07	+·13	53	51	− 3	S	1	cmw	*	65	46	-
Cambridge ..	30·02	57	N	1	c	30·08	+·20	52	52	− 4	SW	1	b	*	66	43	0·02
‡Yarmouth	29·96	59	NNW	3	bc	30·05	+·26	51	50	− 5	WNW	1	bcm	4	62	45	0·01
The Helder ...	29·90	58	NW	5	c	30·00	+·31	58	53	− 1	NW	3	c	3	59	55	0·16
Cape Gris Nez	30·04	55	NW	1	b	30·10	+·18	56	55	− 2	Z	0	o	1	66	54	0·014
‡Jersey	30·16	60	WNW	3	b	30·10	+·01	59	56	0	SSW	3	oq	3	64	55	-
Brest	30·16	59	NW	1	o	30·06	−·08	59	57	+ 2	SSE	4	o	4	63	55	-
Lorient																	
‡Rochefort ...	30·15	63	NW	5	c	30·09	−·03	58	56	− 3	SE	4	o	2	70	52	-
Biarritz	30·23	66	WNW	1	b	30·08	−·14	58	55	− 7	E	4	bc	3	70	50	-
Corunna	*	*	*	*	*	29·98	−·13	58	57	− 2	NW	1	b	3	72	54	-
Brussels ..	*	*	*	*	*	30·10	+·24	53	51	− 4	SW	1	bc	*	63	50	0·12
Charleville ...	?30·04	57	NW	7	*	?30·13		54	51		W	1	o	*	68	46	0·24
Paris	30·10	64	WNW	5	bc	30·16	+·09	56	54	− 3	SW	1	o	*	*	*	-
Lyons	30·19	61	NW	1	o	30·18	+·01	55	52	− 3	N	1	b	*	69	51	-
Toulon	29·99	66	WNW	8	b	30·02	+·01	59	52	− 1	NW	7	b	5	70	55	-
HIGH LEVEL STATION.						**Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.**											
Hawes Junction	28·77	52	NW	1	c	28·79	+·14	53	48	+ 3	NE	0	b	*	58	37	0·01

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ..	29·51	61	55	NW	8	c	4
Sumburgh Head	29·83	53	47	N	5	c	4
Stornoway ...	30·02	53	50	NNW	3	c	3
Aberdeen ...	29·91	59	55	N	5	c	3
Shields	29·93	59	53	NNE	3	c	2
Ardrossan ...	29·99	59	57	NW	3	b	2
Mullaghmore ...	30·08	61	56	NW	3	c	2
Holyhead	30·06	61	55	WNW	4	b	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia ..	30·11	61	56	SW	1	o	2
Scilly	30·12	62	58	WNW	2	bc	4
Dover	29·96	64	56	NW	4	b	3
London ...	29·96	66	56	WNW	5	c	*
Yarmouth ...	29·91	61	55	WNW	3	bc	3
Jersey	30·15	63	59	WNW	4	bc	4
Rochefort ...	30·15	67	61	W	5	c	2
Ben Nevis (4406 ft) 9 a.m. on 30th.	25·39	36	36	NE	3	f	Max 40, Min 33, Rain 0·44

The barometer continues to rise steadily over all the N^n and E^n parts of our Islands, but is falling again in the far W, where the wind has backed to the SW^d with an overcast sky. Unsettled weather is again probable in the N. and S.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR AUGUST 1882

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
4th	Corunna	*	*	*	*	*	30·05	?	63	61	?	NE	4	b	4	73	57	-
5th	Jersey	30·36	61	NNW	2	b	30·33	-·02	60	59	- 1	NNW	1	o m	1	65	54	-
"	Jersey (2pm)	-	-	-	-	-	30·30	-	66	62	-	NW	2	b	2	-	-	-
6th	Jersey	30·29	63	N	2	b	30·17	-·36	65	61	+ 5	NNE	2	b	2	67	57	-
7th	Jersey	30·23	63	NW	2	b	30·21	-·03	63	61	- 2	NE	2	b	2	69	58	-
"	Brussels	*	*	*	*	*	30·09	-·01	61	57	+ 1	NW	3	b	*	66	57	-
"	Charleville	? 30·08	64	NNE	1	bc	30·08	-·04	58	55	- 1	N	1	o	*	72	50	-
9th	Cuxhaven	30·02	?	NNW	3	o	30·00	+·04	63	62	+ 3	NNW	1	h	*	63	57	0·01
"	Corunna	*	*	*	*	*	29·89	+·10	64	62	+ 2	WSW	1	f	o	73	59	-
10th	Brest	30·19	64	NE	4	b	30·21	+·02	57	55	- 2	E	3	b	2	72	52	-
"	Corunna	*	*	*	*	*	29·88	-·01	61	60	- 3	NNW	1	o	2	72	57	-
11th	Corunna	*	*	*	*	*	29·89	+·01	62	62	+ 1	W	1	f	o	72	59	-
12th	Corunna	*	*	*	*	*	29·84	-·05	67	63	+ 5	S	5	o	1	73	61	-
14th	Haparanda	29·93	60	SW	2	b	30·03	+·19	62	55	+ 3	SW	2	bc	*	68	52	-
"	Hernosand	29·97	67	SSW	2	b	30·00	·00	68	61	+ 1	S	2	b	*	81	50	-
"	Stockholm	30·15	63	S	2	b	30·18	-·02	69	63	- 3	SSW	2	b	*	68	61	-
"	Wisby	30·10	62	SSE	2	b	30·08	-·04	70	62	+ 2	SE	4	b	*	81	59	-
"	Bodö	29·88	58	2	0	0	29·88	+·12	62	57	+ 6	E	2	b	1	?	50	0·04
"	Christiansund	29·86	63	2	0	b	29·77	-·10	68	59	+ 7	E	1	c	2	68	54	-
"	Skudesnaes	29·90	62	SSE	4	bc	29·78	-·17	63	59	+ 6	SSW	8	bt	4	64	57	-
"	Oxö	29·95	66	E	4	o	29·86	-·16	65	63	+ 3	NE	4	f	2	66	?	-
"	Sumburgh Hd.	29·77	55	S	2	f	29·54	-·24	56	56	+ 2	SSE	3	f	3	57	53	0·44
"	Parsonstown	29·66	63	SSW	1	o	29·68	·00	59	58	- 1	WSW	1	o	*	65	54	0·79
"	Prawle Point	29·66	63	SSW	4	o	29·85	+·06	61	60	+ 1	SSW	4	bc	3	65	?60	0·05
"	The Helder	29·88	66	SW	3	o	29·91	+·03	65	64	- 2	SSW	3	c	1	79	63	0·16
"	Corunna	*	*	*	*	*	29·88	+·07	68	65	0	NW	1	b	o	79	61	-
"	Brussels	*	*	*	*	*	29·97	+·10	65	63	- 8	SW	3	o	*	75	62	0·20
15th	Sumburgh Hd.	29·59	56	SSW	2	c	29·63	+·09	56	56	0	SE	3	o	4	61	52	-
"	Corunna	*	*	*	*	*	30·01	+·13	65	64	- 3	SW	5	f	3	73	57	-
16th	Sumburgh Hd.	29·65	57	SE	4	m	29·68	+·05	56	56	0	E	3	f	3	60	55	0·01
"	Spurn Head	29·59	59	WSW	4	c	29·60	-·11	58	55	- 4	ENE	1	b	2	69	49	0·23
"	Sumburgh Hd. 2pm	-	-	-	-	-	29·63	-	61	60	-	NE	3	o	3	-	-	-
17th	Spurn Head	29·65	60	ESE	3	c	29·74	+·14	59	58	+ 1	ESE	1	c	2	62	54	0·31
18th	Barrow-in-Furness	29·81	61	SE	2	bc	29·91	+·14	58	57	0	NW	3	bc	3	64	56	0·16
"	Corunna	*	*	*	*	*	30·03	-	66	64	-	W	1	o	1	73	61	0·08
19th	Corunna	*	*	*	*	*	30·01	-·02	66	64	0	NNW	1	c	1	75	61	-
22nd	Bodö	29·56	68	ENE	2	b	29·47	-	64	60	-	ENE	2	c	1	68	59	-
"	Christiansund	29·28	70	ESE	2	m	29·24	-	64	56	-	ESE	3	c	1	77	59	-
"	Corunna	*	*	*	*	*	30·18	-	68	54	-	W	7	o	2	70	55	-
23rd	Sumburgh Hd. 2pm	-	-	-	-	-	29·12	-	57	54	-	NE	2	bc	1	-	-	-
24th	Corunna	*	*	*	*	*	30·01	-	63	60	-	E	4	c	4	70	50	-
29th	Burtz	30·12	66	W	5	c	30·10	+·06	66	62	+ 2	SW	3	bc	4	70	59	0·04
30th	Charleville	? 29·71	59	W	7	o	29·93	+·22	57	52	- 1	NW	1	o	*	68	54	0·20

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature: At 8 am.	Means of: Minima	Means of: Maxima	Means of: Min. and Max. combined	Absolute Extremes: Minimum	Absolute Extremes: Date	Absolute Extremes: Maximum	Absolute Extremes: Date	Tension of Vapour
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	Sumburgh Head ...	29·684	53·9	50·1	58·2	54·2	45	5th	65	12th	0·376
	Wick	29·729	56·6	50·5	62·5	56·5	44	23rd	79	11th	·391
	Stornoway	29·745	55·4	51·2	59·2	55·2	44	24th	66	13th + 15th	·398
1. SCOTLAND, E.	Nairn	29·758	56·4	52·1	65·2	58·7	45	24th	80	10th + 11th	·378
	Aberdeen	29·760	58·5	51·3	66·3	58·8	44	8th + 20th	81	11th	·392
	Leith	29·794	56·5	50·3	68·6	59·5	42	26th	82	10th + 11th	·379
2. ENGLAND, N.E.	Shields	29·810	57·6	51·8	64·0	57·9	45	4th + 16th	77	11th	·398
	York	29·845	57·2	51·0	68·0	59·5	44	16th	76	6th	·395
	Spurn Head ...	29·888	58·1	54·4	63·8	59·1	49	16th	76	14th	·420
3. ENGLAND, E.	Yarmouth	29·869	59·5	53·5	65·3	59·4	45	31st	73	2nd	·418
	Cambridge	29·889	59·3	51·2	68·9	60·1	43	31st	80	6th + 12th	·412
4. MIDLAND COUNTIES.	Loughborough ...	29·885	58·2	52·3	68·0	60·2	44	11th + 31st	81	12th	·386
	Oxford	29·921	57·9	52·7	67·2	60·0	46	31st	79	6th	·400
5. ENGLAND S.	London	29·927	59·6	53·0	69·4	61·2	45	31st	82	12th	·400
	Dover	29·918	60·7	56·0	66·2	61·1	51	17th, 22nd, 24th + 31st	73	1st	·414
	Hurst Castle ...	29·957	60·1	54·7	67·9	61·3	49	4th	80	6th	·428
6. SCOTLAND, W.	Ardrossan	29·820	56·9	52·6	63·1	57·9	42	31st	69	9th, 11th + 13th	·436
7. ENGLAND, N.W.	*Hawes Junction ...	28·629	53·6	48·0	61·4	54·7	37	31st	74	11th	·355
	Barrow-in-Furness...	29·845	56·9	54·3	63·6	59·0	47	31st	71	10th	·403
	Liverpool Obs^y (Bidston)	29·870	57·1	54·1	63·5	58·9	48	23rd	74	12th + 13th	·390
	Holyhead	29·892	57·7	54·1	62·8	58·5	49	23rd	72	10th + 11th	·405
8. ENGLAND, S.W.	Pembroke	29·922	57·9	54·9	61·8	58·4	51	24th, 25th + 26th	69	12th	·411
	Prawle Point ...	29·979	59·5	52·7	65·5	59·1	46	17th	75	6th	·454
9. IRELAND, N.	Donaghadee ..	29·867	57·0	51·4	64·0	57·7	43	31st	71	11th	·414
	Mullaghmore ..	29·873	56·9	53·9	62·5	58·2	49	28th	76	10th	·395
10 IRELAND, S.	Parsonstown ...	29·934	55·4	51·2	65·7	58·5	43	17th	80	10th	·388
	Valencia	29·967	58·3	53·2	64·7	59·0	49	17th	77	10th	·452
	Roche's Point	29·949	58·5	52·8	65·3	59·1	47	17th + 18th	73	1st + 5th	·411
CHANNEL ISLANDS.	Scilly (St. Mary's)...	29·985	60·1	56·6	63·2	59·9	52	24th	69	13th + 14th	·452
	Jersey (Noirmont)...	30·024	60·4	56·1	66·4	61·3	52	24th	81	12th	·450

*Hawes Junction is 1135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of AUGUST 1882 at 8 a.m. daily.

Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall: Total Fall in the month	Rainfall: Maximum Fall in one day	Rainfall: Date	Weather (No. of Days of): Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	Wind (No. of observations of): North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
91	8·6	2·65	0·64	1st	22	0	0	0	0	21	0	4	1	1	5	1	6	6	6	1
85	8·0	2·14	0·52	13th	15	0	0	0	4	19	2	3	2	0	1	3	4	1	13	4
91	8·6	2·89	0·56	28th	19	0	0	0	0	19	5	3	1	0	2	5	7	5	8	0
83	6·6	2·45	0·99	28th	18	0	0	0	9	17	2	0	0	1	0	0	4	6	5	15
80	5·7	1·68	0·25	16th & 30th	19	0	0	0	8	9	2	4	1	0	2	6	3	3	9	3
83	5·2	1·61	0·29	29th	18	0	0	0	7	9	2	1	1	1	1	1	5	16	4	1
84	7·2	4·12	1·55	22nd	16	0	0	0	4	13	2	1	2	0	0	1	8	11	6	2
84	5·5	2·35	0·34	29th	20	0	0	0	9	10	0	2	0	1	1	5	6	10	6	0
86	5·0	2·44	0·38	25th	15	0	0	0	9	3	2	4	1	1	2	4	8	6	5	0
83	4·1	1·49	0·40	22nd	13	0	0	0	12	3	1	3	1	1	1	1	3	8	9	4
82	6·9	1·76	0·38	22nd	15	0	0	0	6	14	0	4	2	1	1	2	10	5	6	0
80	6·2	1·94	0·46	18th	12	0	0	0	5	10	6	0	2	0	0	2	8	11	6	7
83	7·7	1·21	0·29	31st	11	0	0	0	4	19	1	0	3	1	2	7	5	5	7	1
78	7·6	1·04	0·25	22nd	10	0	0	0	4	18	2	3	3	1	0	1	8	7	7	1
79	4·0	1·73	0·34	31st	19	0	0	0	14	5	2	4	3	1	1	0	6	11	3	2
82	5·8	1·64	0·43	31st	16	0	0	0	6	4	3	1	4	5	1	0	3	6	10	1
94	7·8	3·01	0·81	28th	17	0	0	0	3	18	2	0	1	1	2	3	5	7	8	4
86	6·2	4·19	0·58	22nd	19	0	0	0	6	11	0	2	0	0	2	6	5	7	5	4
87	7·5	4·35	0·86	15th	16	0	0	0	1	16	2	6	3	4	4	0	5	2	7	0
83	7·3	2·10	0·34	28th	17	0	0	1	6	17	0	0	0	1	5	4	4	13	4	0
85	8·9	2·85	0·59	22nd	16	0	0	0	1	22	0	2	2	0	2	3	6	9	6	1
86	6·5	3·52	0·94	31st	17	0	0	0	5	11	5	3	3	2	2	3	2	12	4	0
90	4·8	2·15	0·80	31st	16	0	0	0	7	5	3	4	3	2	0	2	8	10	2	0
89	6·8	2·52	0·61	22nd	14	0	0	0	3	11	2	5	2	1	0	3	3	6	10	1
86	8·3	3·35	0·92	22nd	25	0	0	0	4	21	6	2	0	4	2	2	5	5	10	1
89	8·8	3·29	0·79	13th	17	0	0	0	3	26	0	1	1	2	1	5	1	9	7	4
92	8·3	4·82	1·02	30th	20	0	0	0	1	20	4	2	1	1	5	3	2	6	5	6
84	5·9	2·69	0·92	30th	12	0	0	0	4	7	1	7	2	0	3	2	3	7	7	0
87	8·2	1·65	0·51	31st	17	0	0	0	1	18	4	4	1	2	1	3	4	10	5	1
87	6·4	2·45	0·90	31st	17	0	0	0	5	11	6	1	7	2	0	2	3	10	6	0

Barometric Observations at this station are not corrected for altitude

2. CORRECTIONS.

DATE.	STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9).	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
2nd	Liverpool	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-
6th	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
-	Cambridge		-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
8th	Leith	-	-	-	-	-	-	-	52	51	- 6	-	-	-	-	-	-	-
9th	Nairn	?30·21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	York	30·19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Roche's Point	?30·19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Hurst Castle	-	-	-	-	-	-	-	-	-	-	E	-	-	-	-	-	-
-	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-
10th	Mullaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-
11th	Wick	-	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Prawle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-
12th	Prawle Point	-	-	-	-	6	-	-	-	-	-	-	-	-	-	68	-	-
-	Cambridge	30·10	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14th	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·03
15th	Prawle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	0·02
16th	Prawle Point	-	-	-	-	-	29·75	+ ·02	-	-	-	-	-	-	-	-	54	-
17th	Prawle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-
18th	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-
19th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	E.S.E	-	-	-	-	-	-
20th	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-
21st	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·21
-	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-
-	Liverpool	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-
22nd	The Helder	-	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-	-
24th	Spurn Head	-	-	-	-	-	-	-	54	-	+ 2	-	-	-	-	-	-	-
-	Scilly	-	-	-	-	-	29·72	-	-	-	-	-	-	-	-	-	-	-
25th	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-
27th	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·10
-	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·02
30th	Barrow-in-Furness	-	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31st	Leith	-	-	-	-	-	?30·02	+ ·19	-	-	-	-	-	-	-	-	-	-